

AD A 074663

USAFETAC/DS-79/037

**DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

AVON PARK RANGE FL WBAN# 12804
N 27 38 W 081 20 FLD ELEV 65 FT AGR WMO # 74796

PARTS A-F

FOR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 78
FOR FROM DAILY OBS: DEC 68 - NOV 78

MAY 02 1978

**FEDERAL BUILDING
ASHEVILLE, N. C.**

859-4820/5

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FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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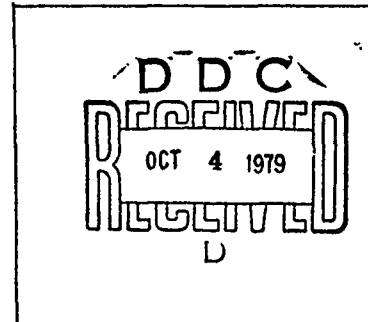
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS-79/037	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER															
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Avon Park Range, Avon Park, Florida It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Florida

* Avon Park Range, FL

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

DUE TO THE LIMITED OBSERVING PRACTICES AT AVON PARK
RANGE FL, MANY HOUR-GROUPS AND CATEGORIES CONTAIN VALUES
BASED ON STATISTICALLY INSIGNIFICANT OBSERVATION COUNTS
AND SHOULD NOT BE USED. OTHER HOUR-GROUPS AND CATEGORIES
CONTAIN VALUES BASED ON OBSERVATION COUNTS WHICH ARE
BORDERLINE AND SHOULD BE USED WITH CARE. BECAUSE OF THESE
PROBLEMS, WE RECOMMEND THAT ANY USE OF THIS SUMMARY BE
UNDERTAKEN ONLY WITH EXTREME CAUTION.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV. FT.		ALT. DATA		WMO NUMBER	
12804		AVON PARK RANGE FLORIDA AAF		N 27 38		W 081 20		65		AGR		74796	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS-PER DAY				
			FROM	TO			FIELD (FT)	MT. BARO.					
1	Avon Park Range, Florida	AAF	Dec 68	Dec 70	N 27 38	W 081 20	65	68 Ft	12-20				
2	Same	Same	Jan 71	Oct 73	Same	Same	Same	Same	1-16				
3	Same	Same	Nov 73	Mar 78	Same	Same	Same	Same	10				
4	Same	Same	Apr 78	Nov 78	Same	Same	Same	Same	13-14				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Dec 68	Located 100 ft NW of weather stn	GMQ-11	RO-2	17 Ft								
2	Apr 69	Same	Same	RO-362	Same								
3	Nov 78	Same	Same	Same	Same								

C PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 AVON PARK RANGE FLORIDA 69-70-73-78 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02							23.7	21.1			39.5	38
	03-05		5.7				5.7	34.3	2.9			37.1	35
	06-08		4.5		.2		4.7	47.2	7.6			20.3	485
	09-11		3.6				3.6	18.5	18.5			33.4	530
	12-14	.0	3.7				3.7	2.7	11.5			13.4	514
	15-17		2.3				2.3	1.3	9.2			10.0	478
	18-20		1.8				1.8	2.7	14.4			15.8	222
	21-23							11.7	17.1			23.4	111
TOTALS		.1	2.7		.0		2.7	17.8	12.8			27.9	2413

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA 69-70-73-78 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02							30.9	24.6			20.6	81
	03-05		8.9				8.9	46.4	12.5			20.0	56
	06-08	.7	3.6				3.6	46.4	14.5		.7	20.9	442
	09-11	.9	3.2				3.2	12.1	21.6		.6	30.7	473
	12-14		2.8				2.8	2.1	10.4		.2	12.8	469
	15-17	.4	3.1				3.1	.7	7.8			8.5	448
	18-20	1.4	2.2				5.2	1.2	18.7			19.5	251
	21-23		5.6				5.6	9.5	25.4			27.0	126
TOTALS		.3	4.1				4.1	18.7	18.2		.2	31.3	2346

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WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA

69-70-73-78

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-AK	00-02	1.1	3.3				3.3	18.5	23.9			29.3	92
	03-05		1.4				1.4	42.0	11.6			46.4	69
	06-08	.2	2.0				2.0	40.5	14.6			47.3	501
	09-11		3.1				3.1	6.6	17.4			21.6	518
	12-14	1.4	3.5				3.5	.6	6.0			6.4	517
	15-17	.4	4.3				4.3	1.2	6.1		.2	7.3	494
	18-20	1.0	0.9				4.9	1.6	8.2			9.3	365
	21-23	1.0	4.0				4.0	2.0	13.6			13.6	199
TOTALS		.7	3.3				3.3	14.1	12.7		.0	22.7	2755

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 AVON PARK R VGE FLORIDA 69-70-73-78 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		2.6				2.6	23.1	28.2			46.2	39
	03-05		.9				.9	41.0	9.4			43.6	117
	06-08		.6				.6	38.9	26.5			21.9	499
	09-11	.0	1.6				1.4	1.8	19.3			20.5	512
	12-14	.0	2.6				2.4		7.7			7.7	505
	15-17	1.0	2.7				2.7		4.3			4.3	464
	18-20	1.7	2.5				2.5	.4	5.9			6.4	236
	21-23	1.8	2.8				2.8	2.8	17.4			20.2	109
TOTALS		.8	2.1				2.1	13.5	14.8			25.1	2481

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA STATION NAME

69-70-73-78 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	1.6	1.8				1.8	40.0	18.2			49.1	55
	03-05		1.4				1.4	51.4	15.8			53.9	222
	06-08		1.5				1.5	43.0	14.5			59.3	528
	09-11	1.9	2.2				2.2	1.6	18.0			18.6	506
	12-14	6.3	3.9				5.9		8.2			8.2	512
	15-17	8.9	4.9				8.9	.3	4.8			5.1	394
	18-20	9.2	4.1				9.1		5.1			5.1	253
	21-23	8.0	9.4				9.4	1.4	12.2			12.2	139
TOTALS		4.1	5.0				5.0	17.2	14.6			26.7	2609

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 AVON PARK RANGE FLORIDA

69-70-73-78

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		.9				.9	29.9	17.9			37.6	117
	03-05	.4	.4				.4	37.6	13.5			41.6	274
	06-08	1.1	2.9				2.9	29.8	20.2			38.2	526
	09-11	1.0	2.9				2.9	.4	9.6			9.8	512
	12-14	8.0	8.6				8.6	.6	7.8			8.4	514
	15-17	20.8	17.5				17.5	.8	7.5			8.4	371
	18-20	14.8	12.0				12.0	3.2	8.8			12.0	284
	21-23	1.9	3.0				3.0	9.4	10.1			17.6	159
TOTALS		6.0	6.3				6.3	14.0	11.9			21.7	2757

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA STATION NAME 09-70-73-78 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02							24.4	11.5			29.5	78
	03-05		.4				.4	34.7	12.0			37.1	259
	06-08	.4	.2				.2	22.5	21.9			48.4	515
	09-11	.8	1.6				1.6	.2	12.0			12.0	491
	12-14	11.4	7.0				7.0		5.8			5.8	501
	15-17	19.2	14.5				14.5		4.4			4.4	317
	18-20	19.2	17.4				17.4	.4	4.0			4.5	224
	21-23	1.0	1.6				1.6	1.6	8.2			9.8	122
TOTALS		6.1	3.3				5.3	11.2	10.0			17.7	2507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA

69-70-73-78

YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		.8				.8	15.3	9.3			15.3	118
	03-05	.4	.9				.9	26.0	10.9			27.7	250
	06-08	.2	.5				.5	31.1	24.0			40.8	566
	09-11	.7	1.1				1.1	.7	8.7			8.7	549
	12-14	12.4	4.3				9.3	.2	6.5			6.7	538
	15-17	17.4	14.1				14.1		6.4			6.4	327
	18-20	13.0	12.0				12.0	1.1	4.3			4.9	184
	21-23	3.2	4.5				4.5	3.9	9.1			9.1	154
TOTALS		6.1	5.4				5.4	9.8	9.9			15.0	2786

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70-73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.1				1.1	25.8	23.6			48.2	89
	03-05							37.6	13.6			38.0	213
	06-08		1.2				1.2	42.7	26.3			49.7	513
	09-11		1.6				1.6	1.4	13.1			13.9	488
	12-14	5.0	3.4				5.4		9.4			9.4	502
	15-17	14.1	8.2				8.2		7.6			7.6	341
	18-20	13.8	3.9				5.9	.5	11.1			11.1	253
	21-23	2.9	2.2				2.2	7.9	20.1			20.9	139
TOTALS		4.2	3.2				3.2	14.5	15.6			23.6	2538

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA

69-70-73-78 YEARS

UCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
UCT	00-02		2.3				5.3	21.1	36.8			36.8	19
	03-05		2.5				2.5	38.3	4.9			38.9	162
	06-08		1.4				1.4	37.5	18.2			43.7	506
	09-11	.2	2.5				2.5	3.1	12.5			13.5	510
	12-14	.4	4.9				4.9	.8	3.9			4.7	513
	15-17	1.2	7.5				7.5		2.1			2.1	429
	18-20	2.0	5.9				5.9		4.4			4.4	270
	21-23	2.0	9.0				9.0	2.6	10.3			10.3	78
TOTALS		1.0	4.9				4.9	12.9	11.6			19.3	2487

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FLORIDA 00-70-73-78 YEARS NCV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NCV	00-02							10.0	20.0			30.0	10
	03-05		1.6				1.6	42.9	14.3			44.4	63
	06-08		1.3				1.3	46.9	15.9			51.6	465
	09-11		1.2				1.2	9.2	14.5			20.5	488
	12-14		2.5				2.5	1.4	6.6			7.4	488
	15-17	.2	3.4				3.4	.7	5.4			5.9	444
	18-20	.9	3.2				3.2	2.3	7.3			7.7	220
	21-23	1.3							9.1			9.1	66
TOTALS		.4	1.7				1.7	14.2	11.6			22.1	2244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FL 13104

68-70-73-77

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02							41.5	17.1			41.5	41
	03-05		2.3				2.3	36.4	13.6			43.2	44
	06-08	.4	3.5				3.5	45.6	12.6			50.3	485
	09-11	.0	4.4				4.4	12.6	16.6			25.9	501
	12-14	.4	5.5				5.5	2.9	7.0			9.6	488
	15-17		2.8				2.8	2.3	6.7			9.0	431
	18-20		2.0				2.0	2.4	9.4			11.4	245
	21-23							9.7	10.7			17.5	103
TOTALS		.2	2.6				2.6	19.2	11.7			26.1	2338

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 STATION AVON PARK RANGE FL 011A 68-70-73-78 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	2.7		.0		2.7	17.8	12.8			27.9	2413
FEB		.3	4.1				4.1	18.7	18.2		.2	41.3	2346
MAR		.7	3.3				3.3	14.1	12.7		.0	22.7	2755
APR		.8	2.1				2.1	13.5	14.8			25.1	2481
MAY		4.1	3.0				5.0	17.2	14.6			26.7	2609
JUN		6.0	0.3				6.3	14.0	11.9			21.7	2757
JUL		6.7	3.3				5.3	11.2	10.0			17.7	2507
AUG		6.1	3.4				5.4	9.8	9.9			15.0	2786
SEP		4.2	3.2				3.2	14.5	15.6			23.6	2538
OCT		1.0	4.9				4.9	12.9	11.6			19.3	2487
NOV		.3	1.7				1.7	14.2	11.6			22.1	2244
DEC		.2	2.6				2.6	18.2	11.7			26.1	2331
TOTALS		2.0	3.9		.0		3.9	14.8	13.0		.0	23.3	30261

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WWAC

XXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

9-70

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (% S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN DAILY		2.7	20.2		.5		20.7	64.4	39.9			69.1	188
FEB		4.8	24.8				24.8	58.8	41.8			66.1	165
MAR		6.4	15.4				15.4	53.7	40.4			61.7	188
APR		6.4	12.2				12.2	56.4	51.7			65.1	172
MAY		27.7	32.8			.1	32.8	79.7	62.1			8.7	177
JUN		47.6	50.8				50.8	61.5	44.9			67.9	187
JUL		55.2	50.6			.6	50.6	50.0	34.3			57.0	172
AUG		52.1	52.7				52.7	55.3	36.8			60.1	188
SEP		32.2	39.8			.6	39.8	60.2	46.8			62.0	171
OCT		11.2	24.9				24.9	52.1	39.6			56.2	169
NOV		2.9	19.4				19.4	57.1	41.2			63.5	170
DEC		2.6	20.8				20.8	52.6	37.7			58.4	154
TOTALS		21.0	30.4		.0	.1	30.4	58.5	43.3			64.1	2101

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAF/STAC
AIR WEATHER SERVICE/MAO

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

12804 AVILA PARK WAGON FLORIDA

1975

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	05.3	8.0	2.7	9.6	5.2	4.8	5.7	1.6	2.1					27.2	188		4.94	.22
FEB	61.6	3.7	3.7	5.5	4.3	1.3	1.5	3.0	2.3					54.8	164		3.01	1.04
MAR	71.0	6.5	2.2	4.4	1.1	4.3	3.2	3.7	3.2					22.6	154		3.99	.04
APR	75.1	3.5	.0	3.5	1.2	1.7	4.1	4.7	1.1					12.4	172		4.16	.20
MAY	53.1	7.3	2.3	9.5	4.5	4.0	5.1	7.3	5.5	2.3				39.5	177		1.14	1.17
JUN	39.0	3.9	2.0	6.6	6.1	6.6	10.5	9.8	11.1	2.2	1.1			54.4	181		0.24	5.19
JUL	27.2	4.1	4.0	8.2	3.0	11.3	11.3	13.8	13.3	2.1	.5			68.7	195		8.75	5.99
AUG	31.3	5.5	6.0	10.6	6.9	12.9	1.0	9.7	9.0					65.1	217		2.04	1.43
SEP	42.0	7.1	3.0	7.6	3.0	8.6	7.1	10.7	8.5	.5				50.3	192		0.11	1.43
OCT	64.8	6.3	1.0	7.3	5.0	2.1	0.3	3.7	3.7	.5				30.9	191		0.32	.10
NOV	59.4	7.5	4.3	5.9	2.2	3.2	2.7	2.7	2.2					23.1	166		4.41	.17
DEC	67.4	6.4	1.7	2.9	4.0	6.4	4.0	2.0	1.2					24.3	173		2.27	.43
ANNUAL	55.9	5.8	3.0	5.8	3.9	9.1	9.2	6.0	5.4	.6	.1			37.3	2227			

2 GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/ PAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

12804 AVON PARK PANGE FLORIDA

7-7

STATION

STATION NAME

YEARS

PREC.P	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.0	.4													235		HALF	.0
FEB	100.0														207		.0	.0
MAR	100.0														231		.0	.0
APR	100.0														217		.0	.0
MAY	100.0														219		.0	.0
JUN	100.0														224		.0	.0
JUL	100.0														217		.0	.0
AUG	100.0														241		.0	.0
SEP	100.0														212		.0	.0
OCT	100.0														217		.0	.0
NOV	100.0														207		.0	.0
DEC	100.0														213		.0	.0
ANNUAL	100.0	.0													2641		X	X

1210 WS FORM JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY CHANGE
USAF/AFAC
AIR WEATHER SERVICE/AFAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

12804 AVON PARK ESTATES FLORIDA

1-7

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.0	.4													231			
FEB	100.0														207			
MAR	100.0														231			
APR	100.0														217			
MAY	100.0														210			
JUN	100.0														224			
JUL	100.0														217			
AUG	100.0														241			
SEP	100.0														210			
OCT	100.0														217			
NOV	100.0														206			
DEC	100.0														213			
ANNUAL	100.0	.0													642			

1210 WS FORM
JUL 64 0-15.5 (OL.I)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73, 75

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.5	7.7	5.3									23.7	4.2
NNE													
NE													
ENE													
E	2.6	2.0										5.3	3.5
ESE													
SE	2.6											2.6	2.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	2.6											2.6	3.0
NNW	5.3	2.0	10.9									18.4	6.3
VARBL													
CALM												47.4	
	23.7	13.4	12.8									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

38

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 76-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	14.3	8.0	6.9									25.7	3.7
NNE	5.7											5.7	2.0
NE													
ENE													
E													
ESE	2.9											2.9	2.0
SE		2.9										2.9	6.0
SSE													
S													
SSW													
SW													
WSW													
W			6.9									2.9	10.0
WNW													
NW		2.9										2.9	5.0
NNW		14.3		2.9								17.1	5.7
VARBL													
CALM												40.0	
	22.9	28.0	2.7	2.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 35

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 STATION AVON PARK RANGE FLORIDA 69-70, 73-78 YEARS JAN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.3	7.0	2.2	.2								22.4	4.6
NNE	1.5	1.1										2.6	3.2
NE	1.5											1.5	2.4
ENE		.4										.4	4.0
E													
ESE													
SE	.2											.2	2.0
SSE	1.1	1.1	.9	.4								3.4	5.9
S	3.0	1.3	1.3									5.6	3.9
SSW		.4	.4	.2								1.1	7.8
SW		.4	.4									.6	7.3
WSW	.6	.4										.9	3.0
W	1.1	.0	.2									1.9	3.4
WNW	.2	1.3	.2	.4								2.4	6.9
NW	.4	.4	.2		.2							1.3	6.7
NNW	3.2	3.0	3.2	.6	.2							10.3	5.9
VARBL													
CALM												45.3	
	22.2	18.1	12.1	1.9	.4							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	8.1	9.1									21.5	5.8
NNE	2.3	3.0	3.0									8.9	5.4
NE	1.1	.0	1.1									2.8	4.9
ENE	.9	1.2	.8									3.2	4.6
E	1.5	1.7	1.5									4.7	5.2
ESE	1.5	.0	.0									2.8	3.9
SE	.6	.0	.0									1.9	5.0
SSE	1.5	3.0	1.1	.8								6.4	5.6
S	2.5	2.2	3.0	1.3								9.1	6.5
SSW	.6	1.2	.8									3.2	5.0
SW	.6	.4	.6									1.5	5.0
WSW	.8	.0	.4									1.9	3.9
W	1.1	.0	.8									2.5	4.5
WNW	.8	.2	.0	.8								3.0	6.9
NW	.6	1.1	1.1	.2								3.0	6.5
NNW	2.5	1.7	2.5	.4								7.0	5.5
VARBL													
CALM												16.6	
	23.0	29.4	27.9	3.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	4.5	.2								9.1	6.2
NNE	1.2	1.6	3.7	.4								6.4	6.7
NE	.6	2.3	1.6	.2								4.3	5.8
ENE	.8	1.0	1.4	.2								3.3	6.6
E	1.0	2.1	3.3	.6								9.5	7.2
ESE	1.6	1.6	.8									3.5	4.6
SE	1.6	1.0	.4	.2								3.1	4.6
SSE	1.2	2.3	3.9	.8								8.2	6.7
S	1.4	3.3	4.1	1.8								10.5	7.6
SSW	.4	1.0	.8	.2								2.9	6.5
SW	.4	1.0	1.6	.2								3.1	6.9
WSW	1.4	.4	1.0	.4								3.7	5.8
W	1.0	2.3	2.7	.2								6.2	6.5
WNW	.8	1.4	1.8	1.0								4.9	7.3
NW	.2	2.1	1.4	.2								4.5	6.6
NNW	1.8	2.3	3.3	.4								8.6	6.1
VARBL													
CALM												8.2	
	16.7	30.0	38.3	6.8								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 514

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JAN

ALL WEATHER

1200-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.7	4.8									10.0	5.7
NNE	1.9	1.5	.8	.2								4.4	4.8
NE	.4	2.5	1.7	.4								5.0	6.7
ENE	1.7	1.5	2.5									5.6	5.7
E	1.9	2.1	4.4	.2								9.0	6.9
ESE	2.3	1.5	1.0									4.6	4.3
SE	1.0	.4	.6									1.7	3.1
SSE	1.7	3.3	6.4									7.9	5.5
S	4.0	2.5	1.7		.2							8.2	4.7
SSW	.8	.4	.8	.4	.4							2.9	8.1
SW	.6	1.5	1.0		.2							3.3	6.6
WSW	1.5	1.5	1.3	.2								4.4	5.5
W	1.7	2.1	2.1	1.0								6.9	6.7
WNW	.2	1.1	2.1	.6								4.6	7.6
NW	.4	1.5	1.7									4.0	5.9
NNW	2.3	2.5	2.5	.2								7.5	5.6
VAPBL													
CALM												9.8	
	24.9	29.4	32.0	3.3	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 478

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.0										4.1	3.1
NNE	.9	4.2	.5									5.9	5.2
NE	3.2	1.4										4.5	3.2
ENE	3.2	2.3	.5									5.9	3.4
E	3.6	3.0	.9									8.1	4.2
ESE	.9	1.0										2.7	3.5
SE													
SSE	2.3	.7	.9									4.1	4.0
S	.9	.7										1.8	3.5
SSW	1.4	.5		1.8								3.6	7.1
SW	.5	1.4										1.8	4.3
WSW	1.4											1.4	1.7
W	2.7	2.1	1.4									6.8	4.5
WNW	4.1	3.4	1.4									10.9	4.0
NW	.5	.7	.9									2.3	6.0
NNW	1.4	.7										2.3	3.2
VARBL													
CALM												33.9	
	29.0	29.6	9.3	1.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	3.0	1.8									9.9	4.5
NNE		.9	.9									1.8	5.5
NE	3.6	.9										4.5	3.0
ENE	1.8	1.0										3.6	3.3
E	2.7	3.0										6.3	3.3
ESE	.9											.9	2.0
SE	1.8	.9										2.7	2.7
SSE	.9	2.7										3.6	4.3
S													
SSW				1.8								1.8	14.0
SW													
WSW													
W	.9	1.0										2.7	3.3
WNW		10.0	.9									11.7	4.8
NW		.9	2.7									3.6	7.8
NNW	.9	.9	.9									2.7	5.7
VARBL													
CALM												44.1	
	18.0	28.0	7.2	1.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 71-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	5.0	5.1	.1								14.7	5.3
NNE	1.5	1.7	1.8	.1								5.4	5.4
NE	1.2	1.3	.8	.1								3.5	5.1
ENE	1.1	1.6	1.0	.0								3.3	5.1
E	1.5	1.7	2.3	.2								6.0	6.1
ESE	1.3	.9	.2									2.6	4.1
SE	.5	.2	.3	.0								1.7	4.2
SSE	1.4	2.2	1.7	.4								6.0	5.8
S	2.3	2.0	2.1	.7	.0							7.2	6.0
SSW	.5	1.0	.9	.4	.1							2.6	6.9
WSW	.4	.9	.8	.0	.0							2.0	6.3
W	1.0	.9	.7	.1								2.4	4.9
WNW	1.3	1.2	1.3	.3								4.4	5.7
NW	.8	2.1	1.1	.6								4.6	6.3
NNW	.4	1.2	1.1	.1	.0							3.1	6.3
VARBL	2.3	2.2	2.6	.4	.0							7.6	5.7
CALM												22.7	
	22.2	26.7	24.4	3.6	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2391

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLUKIVA
STATION NAME

09-70, 73-74
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	4.7	1.2	1.2								14.8	4.6
NNE	2.5	1.6										3.7	3.3
NE													
ENE		1.6										1.2	4.0
E	2.5											2.5	2.5
ESE													
SE	1.2											1.2	1.0
SSE	2.5	1.6										3.7	3.0
S													
SSW	2.5	1.6										3.7	2.7
SW	2.5											2.5	2.0
WSW	3.7											3.7	2.0
W	3.7											3.7	2.0
WNW	2.5	1.6										3.7	3.3
NW	3.7	1.6	1.2									6.2	4.2
NNW	6.2	3.7										9.9	3.3
VARBL													
CALM												39.5	
	40.7	16.0	2.2	1.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

69-70, 75-78

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	10.7	7.1									23.2	5.0
NNE	5.4	1.0	1.0									8.9	3.8
NE													
ENE													
E													
ESE	1.8											1.8	2.0
SE													
SSE													
S	1.8											1.8	2.0
SSW	1.8											1.8	2.0
SW	1.8	1.0										3.6	3.5
WSW	1.8											1.8	3.0
W													
WNW	5.4											5.4	2.0
NW	7.1	1.0	3.6									12.5	4.1
NNW	5.4	8.9	1.8									16.1	4.7
VARBL													
CALM												23.2	
	37.5	25.0	14.3									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

56

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.8	8.0	4.4									20.7	4.6
NNE	.9	1.4										2.8	3.9
NE	.2	.2	.5									1.4	4.7
ENE	.2	.2										.7	4.0
E	.2	.4										.7	3.0
ESE	.2	.6										.5	3.0
SE	.2											.2	2.0
SSE	1.2	.1	.2									2.1	3.4
S	3.1	.1	1.2	.5								5.4	4.9
SSW	1.2	.6	.5									1.9	4.5
SW	.5	.2										.9	2.8
WSW	.4	.1										1.6	3.0
W	2.8	.2										3.3	2.4
WNW	1.2	.1	.4	.2								3.1	3.5
NW	.1	1.6	.2									2.1	4.2
NNW	.3	6.8	4.2	.2								14.4	5.6
VARBL													
CALM												38.1	
	24.7	23.2	12.9	.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

425

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	8.2	4.2	1.1								22.2	6.4
NNE	1.5	3.4	5.2	.4								10.6	6.9
NE	.2	1.2	1.1	.2								2.8	6.5
ENE	.8	.0	1.3									3.0	5.2
E	.8	.0	.0									2.3	4.8
ESE	1.1	.4	1.1									2.5	5.3
SE		.0										.6	5.0
SSE	.4	.0	.4	.2								1.9	6.3
S	1.3	3.0	3.2	1.7								9.1	7.2
SSW	.4	2.1	1.1	.4								4.0	6.3
SW	.6	1.3	.8									2.8	5.0
WSW	.4	1.1	.8	.2								2.5	6.4
W	1.1	.0	.0									2.5	4.4
WNW	1.1	.0	.2									1.9	3.8
NW	2.1	3.2	2.8	.4								8.5	5.8
NNW	1.5	2.0	3.2	.4								7.8	6.4
VARBL													
CALM												14.8	
	16.7	31.1	34.2	5.1								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

472

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.0	0.4	.6								13.4	6.6
NNE	.9	2.0	4.7	.9								8.7	7.2
NE	.9	1.0	1.9	.4								4.7	6.7
ENE	1.7	2.1	.4	.2								4.5	4.7
E	.4	1.1	1.1	.6								3.2	6.9
ESE	.4	.2	1.5									2.1	7.0
SE	.2	.2	.0	.2								1.3	7.8
SSE	1.1	.0	.0	.4								2.8	6.1
S	.9	1.0	1.9	1.7								6.4	7.9
SSW	.9	1.0	2.0	1.9								6.6	8.1
SW	.9	1.1	1.9	1.1								5.5	7.4
WSW	1.1	1.0	.9	.2								4.1	5.4
W	.6	1.1	2.0									6.0	7.0
WNW	.4	2.1	2.0									5.3	6.3
NW	1.9	2.0	2.0	.4								7.7	5.9
NNW	2.1	3.0	4.9	.6								11.3	6.6
VARBL													
CALM												6.4	
	16.8	29.4	32.2	9.4								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

469

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.4	4.9	.9								9.4	5.9
NNE	1.3	3.4	3.6	.7								8.7	6.6
NE	.2	1.4	1.1	1.1								3.6	7.9
ENE	1.1	1.3	2.2	.7								3.4	6.6
E	1.1	1.3	4.0									4.5	5.9
ESE	1.3	.7	1.8									4.0	5.6
SE		.2										.2	4.0
SSE	.7	1.6	.7									2.9	5.1
S	1.1	2.4	1.8	1.1								6.2	6.9
SSW	.4	1.3	4.0	.2	.2							4.2	7.2
SW	.7	1.4	1.1	1.1								4.0	7.2
WSW	.7	2.0	4.0	.7								3.4	7.1
W	1.8	2.1	4.6	.7								7.4	5.8
WNW	2.0	3.9	4.7	.2								8.5	5.5
NW	2.2	2.0	3.9									7.8	5.7
NNW	2.7	3.3	4.5	.4								8.9	5.4
VARBL													
CALM												8.9	
	19.9	31.0	32.1	7.8	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

448

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	2.0									8.0	4.6
NNE	4.0	2.0	1.2									8.0	4.1
NE	.8	1.2	.8									2.8	4.6
ENE	1.6	2.0	.8									4.4	4.5
E	2.0	2.0	.8									5.6	3.9
ESE	1.6	.8										2.4	3.3
SE		.4	.8									1.2	7.7
SSE	.8	1.0	.8	.8								4.0	6.3
S	2.0											2.0	1.8
SSW	1.2	.4	.8									2.4	4.0
SW	1.2	.4	.4									2.0	3.2
WSW	1.6	1.6	1.2									4.0	4.7
W	3.2	4.0	.8	.4								9.2	4.4
WNW	4.0	2.8	.4									7.2	3.5
NW	2.4	.8	1.2									4.4	4.2
NNW	.8	1.6	.4									2.4	4.3
VARBL													
CALM												30.0	
	30.4	26.0	12.4	1.2								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 250

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	.0										4.8	2.8
NNE	4.0	4.0	.8									9.5	4.3
NE	3.2											3.2	2.5
ENE		.0										.8	4.0
E	.8											.8	2.0
ESE	1.6											1.6	1.5
SE													
SSE	2.4	.0	.8									4.0	4.0
S	2.4		.8									3.2	3.5
SSW	3.2											3.2	1.5
SW		.8										.8	4.0
WSW	3.2	.0										4.0	2.4
W	5.6	1.0										7.1	2.8
WNW	4.8	1.0	.8									7.1	2.9
NW	4.0	1.0										5.6	3.0
NNW	.8	2.4	.8									4.0	5.0
VARBL													
CALM												40.5	
	39.7	15.4	4.0									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

126

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	5.2	5.1	.6								15.0	5.6
NNE	1.8	2.7	3.0	.4								7.8	6.1
NE	.6	1.0	1.0	.3								2.9	6.3
ENE	.9	1.4	.9	.2								3.2	5.3
E	.9	1.0	.8	.1								3.0	5.2
ESE	.9	.4	.9									2.2	5.2
SE	.1	.2	.2	.0								.6	6.1
SSE	.9	1.0	.2	.2								2.7	5.2
S	1.6	1.2	1.6	1.0								5.8	6.6
SSW	1.0	1.3	1.2	.5	.0							3.9	6.4
SW	.8	1.0	.8	.4								3.1	6.0
WSW	1.1	1.3	.9	.2								3.5	5.4
W	2.0	1.7	1.4	.2								5.2	5.0
WNW	1.8	1.8	1.4	.1								5.1	4.9
NW	2.1	2.1	2.1	.2								6.4	5.3
NNW	2.2	3.8	3.1	.3								9.4	5.7
VARBL													
CALM												20.3	
	22.9	27.6	24.8	4.8	.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-75, 77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1										3.3	3.3
NNE	1.1											1.1	2.0
NE	3.3											3.3	2.0
ENE													
E	1.1											1.1	2.0
ESE	1.1											1.1	2.0
SE	1.1	1.1										2.2	4.0
SSE	3.3	2.2	1.1									6.7	3.7
S	3.3											3.3	1.7
SSW	1.1	1.1										2.2	3.5
SW	1.1											1.1	2.0
WSW	2.2											2.2	2.5
W	3.3	1.1										4.4	3.5
WNW	3.3	2.2										5.6	2.4
NW	1.1	4.4										5.6	4.0
NNW		2.2	2.2									4.4	6.3
VARBL													
CALM												52.2	
	28.9	15.0	3.3									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.1	4.0	1.4	1.4								17.4	4.3
NNE		1.4										1.4	5.0
NE	1.4	1.4										2.9	2.5
ENE													
E													
ESE	1.4		1.4									2.9	4.0
SE													
SSE	2.9											2.9	1.5
S	2.9	2.9	1.4	1.4								8.7	6.5
SSW	1.4	2.9										4.3	3.0
SW	4.3											4.3	2.0
WSW		1.4										1.4	6.0
W	2.9	1.4	1.4									5.8	4.3
WNW	1.4	4.0										5.8	4.0
NW		1.4										1.4	5.0
NNW													
VARBL													
C/LM												40.6	
	29.0	21.1	2.8	2.9								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

69

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.1	5.0	2.5	.6								15.2	4.6
NNE	1.2	.0	.2									2.1	3.9
NE	1.5	.0										2.3	2.9
ENE	1.5	1.0	.4									3.1	3.7
E	.8	.0										1.5	2.9
ESE	1.0	.4										1.5	3.1
SE													
SSE	1.5	1.0	.4									3.7	4.1
S	2.9	3.0	1.2	.2								7.7	4.8
SSW	1.2	1.0		.4								2.7	4.5
SW	.2	.0										1.0	4.4
WSW	1.5	.4										1.9	2.8
W	1.9	.0	.4									3.1	3.7
WNW	.4	.0	1.2									2.5	5.9
NW	.8	1.0	.4									2.1	3.8
NNW	1.2	3.0	1.0									5.4	4.9
VARBL													
CALM												44.2	
	24.8	22.0	7.2	1.2								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.7	1.7								7.9	7.5
NNE	1.4	2.2	2.9	.6								7.3	6.5
NE	1.2	.9	2.3									4.2	6.2
ENE	.8	1.6	4.1	.2								4.2	6.2
E	2.3	3.2	1.4	.4								7.3	5.2
ESE	1.2	2.7	2.3	.2								6.6	5.9
SE	.6	1.6	1.9									3.7	5.7
SSE	1.7	2.1	3.7	1.2	.2							9.5	7.0
S	3.1	5.6	7.5	2.3								18.1	7.1
SSW	1.0	1.0	1.9	.6								4.4	6.9
SW	.4	1.9	1.0	1.2								4.4	7.4
WSW	.8	1.0	.0	.2								2.5	5.7
W	.4	1.0	.4	.4								2.1	6.0
WNW	.4	1.0	.4	.4								2.1	6.7
NW	.4	1.4	1.5									3.3	6.4
NNW	1.2	2.2	2.1	.4								6.0	6.0
VARBL													
CALM												6.2	
	17.6	31.1	29.7	9.7	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 518

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	2.1	.6								6.0	6.8
NNE	1.2	.6	1.4	.4								3.7	6.5
NE	1.0	1.1	1.5	.2								4.4	5.9
ENE	1.0	1.1	1.4	.8								4.8	6.6
E	2.3	1.2	2.7	.8								7.0	6.2
ESE	1.7	3.1	2.1	.2								7.2	5.4
SE	.6	1.0	1.2	.2								2.9	5.8
SSE	1.9	4.1	3.3	1.7								11.0	6.8
S	1.9	6.0	6.7	2.5								19.1	7.4
SSW	1.7	1.6	1.7	.2								4.8	5.8
SW	.8	.6	1.7	.6								3.9	7.8
WSW	1.0	1.2	1.4	.4								4.8	6.6
W	.6	1.4	1.0	1.0								3.9	7.7
WNW	1.2	1.1	1.2	.2								4.3	5.2
NW	.4	1.2	1.0									2.9	5.9
NNW	.8	2.2	1.7									5.0	5.6
VARBL													
CALM												4.3	
	18.8	32.1	34.9	9.7								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 517

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.4	1.2	.2								4.9	5.1
NNE	.6	1.0	1.0	.6								4.5	7.2
NE		1.4	1.0	.4								2.8	7.5
ENE	1.0	1.0	2.4	1.4								6.5	7.6
E	2.4	3.0	3.0	1.2								10.9	6.6
ESE	1.4	2.0	1.8									5.3	5.5
SE	.6	1.4	1.4									3.8	5.9
SSE	1.6	2.4	2.0	.8								7.5	6.2
S	2.8	4.2	5.5	.8								13.6	6.3
SSW	1.0	1.4	1.8	.6								4.9	6.6
SW	1.6	1.0	1.0	.6	.2							5.3	7.4
WSW	.4	.0	2.0	1.0								4.0	8.2
W	1.6	2.0	2.0	.6								6.9	6.5
WNW	1.2	1.0	.0	.8								4.5	6.2
NW	1.0	3.6	.6									4.5	4.5
NNW	1.2	1.0	.8									3.6	4.6
VARBL													
CALM												6.7	
	20.6	31.0	31.0	9.1	.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.0	.5									1.9	4.9
NNE	.8	1.4	1.1	.3								3.6	5.9
NE	1.6	4.8	6.6	.3								8.2	5.5
ENE	.8	5.6	6.5	.3								8.8	5.9
E	4.7	5.6	3.8	.3								14.0	5.4
ESE	2.7	1.4	1.0									5.8	4.6
SE	1.1	1.4	.5									2.7	4.7
SSE	1.9	2.6	2.6									6.3	5.0
S	3.6	1.4	1.9	.3								7.1	4.5
SSW	.3	.2										.8	4.0
SW	1.4	.2	2.2									4.1	5.4
WSW	1.6	1.4	1.1									4.1	4.9
W	2.5	3.0	4.5	.3								8.8	4.9
WNW	1.9	2.6	.2	.3								4.9	4.6
NW	.3	1.4										1.4	4.2
NNW	.3	.2										.5	3.5
VARBL													
CALM												16.8	
	26.1	32.9	22.8	1.9								102.0	4.3

TOTAL NUMBER OF OBSERVATIONS 364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

09-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0										2.0	2.8
NNE	2.0	2.0										4.0	3.6
NE	4.0	3.0										7.0	3.3
ENE	2.5		1.0									3.5	4.1
E	6.0	1.0										7.0	2.4
ESE	1.5	2.0										3.5	3.7
SE	1.0	1.0										2.0	3.5
SSE	2.0	2.0	3.0									7.0	5.3
S	.5	1.0										2.0	4.3
SSW	2.5	1.0										4.0	3.0
SW	1.0		1.0									2.0	4.8
WSW	1.5	1.0										3.0	3.8
W	4.0	1.0										5.0	2.8
WNW	2.5	3.0	1.0									7.0	4.4
NW	1.5	1.0	1.0									4.0	4.8
NNW	.5		.5									1.0	5.5
VARBL													
CALM												34.2	
	34.2	24.1	7.0									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.7	.6								7.1	5.5
NNE	1.1	1.7	1.3	.3								4.1	6.1
NE	1.3	1.7	1.2	.1								4.4	5.3
ENE	1.1	1.0	1.5	.5								4.9	6.2
E	2.6	2.4	1.9	.5								7.4	5.5
ESE	1.5	1.7	1.4	.1								4.9	5.2
SE	.6	.7	1.0	.0								2.5	5.5
SSE	1.8	2.0	2.4	.7	.0							7.5	6.1
S	2.7	3.7	4.9	1.2								12.3	6.5
SSW	1.2	1.1	1.0	.3								3.7	5.7
SW	1.0	.7	1.2	.4	.0							3.6	6.7
WSW	1.1	1.0	1.0	.3								3.3	5.9
W	1.6	1.0	1.2	.4								4.8	5.5
WNW	1.2	1.7	.8	.3								4.0	5.3
NW	.7	1.0	.9									3.0	5.0
NNW	.9	1.7	1.2	.1								4.0	5.4
VARBL													
CALM												18.4	
	22.6	29.0	24.0	5.9	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

70.75
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.3											10.3	2.3
NNE	5.1											5.1	2.0
NE		10.3										10.3	4.0
ENE	2.6											2.6	1.0
E													
ESE	2.6											2.6	2.0
SE	2.6											2.6	1.0
SSE	2.6	5.1										7.7	3.7
S	2.6											2.6	2.0
SSW													
SW													
WSW													
W	2.6	2.0										5.1	3.0
WNW													
NW													
NNW		2.0	5.1									7.7	6.3
VARBL													
CALM												43.6	
	30.8	20.2	7.1									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

39

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 74-78

APR

ALL WEATHER

0900-0500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	6.0										11.2	3.4
NNE	5.2	3.4										8.6	3.0
NE	2.6	.9										3.4	3.0
ENE	.9											.9	3.0
E													
ESE		.9										.9	5.0
SE													
SSE	.9											.9	1.0
S	1.7	.9										2.6	3.0
SSW	1.7											1.7	1.5
SW		.9	.9									1.7	6.5
WSW	3.4	.9										4.3	2.6
W	1.7											1.7	2.5
WNW		.9										.9	4.0
NW													
NNW	2.6	2.0										5.2	3.7
VARBL												56.0	
CALM													
	25.9	17.4	.9									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 116

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AR
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.0	4.0	2.5	.6								13.9	4.6
NNE	2.7	3.1	.6									6.4	4.0
NE	2.1	1.7	.2	.2								4.4	4.0
ENE	1.7	1.1	.0									4.0	4.1
E	.8	2.1	1.0									4.6	4.8
ESE	1.5	.0	.0									2.9	3.9
SE	.6	.0										1.2	3.3
SSE	1.7	1.0		.2								2.9	4.2
S	3.5	2.7	1.2									7.7	4.3
SSW	1.7	.4	1.1	.2								4.4	5.7
SW	.4		.2									.6	5.0
WSW	.8	.0	.2									1.7	3.8
W	1.0	1.5										2.5	3.3
WNW	.8	.2										1.0	2.6
NW	.6	.2	.2									1.0	3.2
NNW	2.2	2.1	1.2									5.8	4.6
VARBL													
CALM												34.9	
	28.3	24.2	11.0	1.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.1	2.0	1.4								7.6	6.4
NNE	.8	1.0	2.0	.6								5.1	6.8
NE	1.2	1.4	2.7									5.3	6.0
ENE	1.2	2.1	4.1	1.4								8.8	7.6
E	1.6	2.1	4.2	1.0								9.8	7.0
ESE	.2	1.0	4.7	.6								7.0	7.8
SE	.8	1.4	.8									2.9	5.5
SSE	1.0	2.2	4.2	.4								8.2	7.0
S	1.8	3.2	4.2	3.3								14.8	7.5
SSW	1.0	1.6	2.7	.6								5.5	6.9
SW	.6	.7	.6	.6	.4							2.5	9.5
WSW	.8	.6	1.0	.6	.4							2.9	8.8
W	1.4	1.0	.2	.2								2.7	4.1
WNW	1.0	1.4	.2									2.5	4.1
NW	.4	1.6	1.0	.2								2.7	6.6
NNW	2.7	3.1	1.4									8.2	4.9
VARBL													
CALM												3.3	
	18.4	29.7	30.4	10.7	.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

512

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

1400-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.0	1.0									7.5	4.7
NNE	1.0	1.0	1.2	.2								4.2	6.0
NE	.8	1.0	2.2	.2								4.8	6.3
ENE	.8	2.0	3.2	2.0	.4							8.3	8.7
E	1.6	4.2	6.2	1.0	.4							13.7	7.6
ESE	1.0	1.0	1.4	.6								4.8	6.3
SE	.4	.4	1.0									1.8	6.4
SSE	.6	4.0	6.2	.4								7.7	6.4
S	3.2	3.2	3.8	3.0								13.1	7.1
SSW	2.6	1.0	1.0	.4								5.5	4.6
SW	.8	1.0	1.2									3.0	5.6
WSW	1.2	1.0	1.4	.6	.4							4.6	7.7
W	2.2	1.4	1.6	.4								5.5	5.6
WNW	.2	.0	1.0	.2								2.2	6.9
NW	.6	1.6	1.4	.2								3.4	6.4
NNW	2.0	3.0	4.4									7.9	5.2
VARBL													
CALM												2.2	
	21.8	32.1	34.1	9.1	1.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

505

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.7	1.1	.2								5.6	5.3
NNE	.4	1.3	6.2	.2	.2							4.3	7.3
NE	1.7	1.7	6.8	.2								6.7	6.2
ENE	1.3	1.1	3.2	3.4	.2							9.9	9.2
E	.9	3.6	6.2	3.2								13.6	8.3
ESE	.6	1.1	1.2	.2								4.1	6.5
SE		1.1	.4									2.2	5.6
SSE	.4	3.4	1.7	.4								6.0	6.5
S	3.0	1.7	6.0	.6								8.2	5.8
SSW	1.5	.7	.4	.4								3.2	5.7
SW	.9	1.3	1.2	.9								4.5	7.3
WSW	1.1	2.4	1.7	.4								5.6	6.5
W	1.1	1.3	1.3	.9	.2							4.7	7.2
WNW	3.4	2.6	1.1	.4								7.1	4.6
NW	1.1	2.0	.9									4.5	4.9
NNW	2.8	2.0	.9	.2								6.7	4.4
VARBL													
CALM												3.0	
	20.7	34.2	24.2	11.9	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	1.7									4.2	5.4
NNE	.4	1.1										2.1	4.0
NE	1.3	2.2	3.4									7.2	6.4
ENE	2.5	4.1	2.1	.8								10.2	5.8
E	5.9	8.1	7.0	.8								22.5	5.9
ESE	1.3	.0	.0									3.0	4.6
SE		1.2										1.3	4.7
SSE	2.1	.0	2.1	.8								5.9	5.9
S	2.1	.0	1.2									4.2	4.1
SSW			.4									.4	7.0
SW	1.3	.4	.0									2.5	4.7
WSW	2.5	1.2	.8	.4								5.1	4.6
W	2.5	3.4	.4									6.4	3.7
WNW	1.3	2.0	1.2									6.4	4.9
NW	2.5	.7										3.0	2.3
NNW	1.7											1.7	2.0
VARBL													
CALM												14.0	
	28.8	31.4	22.4	3.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

236

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 75-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	0.7										3.7	2.8
NNE	6.5											6.5	2.0
NE	7.4	2.0										10.2	3.0
ENE	3.7	2.0										6.5	3.7
E	9.3	5.0										14.8	3.1
ESE	2.8	2.0										5.6	3.2
SE	1.9											1.9	3.0
SSE		0.7	2.8									3.7	7.0
S		1.9										1.9	5.5
SSW	0.9											0.9	1.0
SW	1.9	0.7										2.8	3.3
WSW													
W	5.6	2.0										8.3	3.0
WNW	0.9	2.8										3.7	4.0
NW	0.9	1.9	0.9									3.7	5.3
NNW	1.9											1.9	1.5
VARBL													
CALM												24.1	
	46.3	25.7	2.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

108

C
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATIONAVON PARK RANGE FLORIDA
STATION NAME69-70, 73-78
YEARSAPR
MONTHALL WEATHER
CLASSALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.1	1.0	.4								8.2	4.9
NNE	1.6	1.7	1.2	.2	.0							5.0	5.2
NE	1.7	1.7	1.9	.1								5.6	5.5
ENE	1.5	2.1	4.4	1.4	.1							7.5	7.4
E	2.0	3.0	4.4	1.1	.1							11.1	6.8
ESE	.9	1.4	1.7	.3								4.4	6.2
SE	.5	.7	.4									1.9	5.2
SSE	1.0	2.2	2.0	.4								5.9	5.2
S	2.6	2.7	4.5	1.4								9.5	6.4
SSW	1.5	.6	1.3	.3								3.9	5.6
SW	.7	.7	.8	.3	.1							2.6	6.8
WSW	1.2	1.0	.9	.4	.2							3.6	6.5
W	1.7	1.2	.7	.3	.0							4.2	4.9
WNW	1.2	1.4	.6	.1								3.3	4.7
W	.8	1.1	.7	.1								2.8	5.3
NNW	2.3	2.0	1.4	.0								6.3	4.7
VARBL													
CALM												14.3	
	24.2	29.2	24.7	6.9	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2461

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-75, 77-78
YEARS

MAY
MONTH

ALL WEATHER
CLARK

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.0										3.6	3.5
NNE	5.5	3.0										9.1	3.8
NE	1.8											1.8	2.0
ENE	1.8	1.0										3.6	4.0
E													
ESE	1.8											1.8	2.0
SE			1.0									1.8	8.0
SSE		1.0	1.0									5.5	6.7
S	1.8	1.0	3.0									7.3	5.3
SSW													
SW	1.8											1.8	2.0
WSW	3.6											3.6	1.5
W		5.2										5.5	4.3
WNW	1.8											1.8	3.0
NW	3.6											3.6	2.0
NNW	1.8		1.0									3.6	5.0
VARBL													
CALM												45.5	
	27.3	10.4	10.4									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

55

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0500-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	2.0										6.8	2.8
NNE	3.2	1.0										5.0	2.7
NE	4.1	.5										4.5	2.5
ENE	2.3	.5										2.7	2.3
E	1.8											1.8	2.3
ESE	.9											.9	1.5
SE		.5										.5	5.0
SSE	.9											.9	1.0
S	2.3	.7	.5									3.6	3.1
SSW	1.4											1.4	1.7
SW	1.4		.5									1.8	3.5
WSW	1.4		.5									1.8	3.5
W	.9	.2										1.4	2.7
WNW	.9											.9	1.5
NW	1.4											1.4	1.3
NNW	1.4	1.4	.5									3.2	4.0
VARBL													
CALM												61.7	
	28.4	8.1	1.8									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS

222

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

09-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.1	.4									7.7	3.8
NNE	3.7	2.0	.4									6.7	3.3
NE	2.5	2.0	.4									4.9	3.3
ENE	2.8	2.0	1.0	.2								6.7	4.4
E	2.8	3.0	.6									6.3	4.0
ESE	2.0	.8	.4	.2								3.2	4.0
SE	.8	.6	.4									1.2	3.8
SSE	1.2	1.0										2.8	3.8
S	3.7	1.0	1.0	.8								7.3	4.6
SSW	1.4	1.6										2.6	3.5
SW	1.4		.4									1.8	3.7
WSW	2.6	1.0	.4	.2								3.9	3.4
W	1.2	.8										2.0	2.9
WNW	1.8	.8	.2									2.6	3.2
NW		.4										.4	3.5
NNW	1.6	1.6	.4									3.2	4.0
VARBL													
CALM												36.9	
	33.1	23.1	4.4	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	2.0									4.9	5.6
NNE	1.4	2.0	.8									4.9	4.7
NE	.8	2.4	1.6	.6								5.3	6.3
ENE	1.2	1.0	2.6	.8								6.3	6.7
E	2.8	3.0	4.7	1.0								12.1	6.5
ESE	2.0	3.4	1.8									7.1	4.9
SE	.6	1.4	.4	.2								2.6	4.7
SSE	2.2	3.0	3.0	.6	.2							9.5	6.2
S	2.4	4.7	2.9	.6								13.6	6.3
SSW	1.4	2.0	1.0	.2								4.5	5.7
SW	.4	1.6	.4									2.0	5.0
WSW	2.2	2.4	1.4	.8								6.7	5.9
W	2.4	.0	.8									3.8	3.7
WNW	1.8	1.8	.6									4.2	4.2
NW	.6	1.4	.4									2.4	4.7
NNW	1.4	1.4	1.2									4.0	4.8
VARBL													
CALM												6.1	
	24.5	36.0	24.2	4.7	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

506

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	1.6	.4								5.9	5.8
NNE	.4	3.2	1.6									5.3	5.7
NE	.2	1.0	2.1	.6								4.5	7.3
ENE	2.0	2.2	3.9	1.4								9.8	6.8
E	2.3	3.2	4.9	2.0								12.7	6.9
ESE	1.0	2.7	2.9	.2								7.0	6.0
SE	.8	.0	1.2									2.5	6.0
SSE	2.0	2.2	1.8	.8								7.0	6.1
S	2.1	2.2	3.3	1.2	.2							9.2	6.9
SSW	1.8	1.0	1.4	.2								4.3	5.4
SW	1.2	1.0	.6									3.3	4.5
WSW	1.0	2.2	2.9	.2								6.6	6.1
W	2.1	2.2	1.4	.6	.2							6.6	5.8
WNW	1.0	1.0	1.0									2.9	4.9
NW	.8	1.0	.9									2.3	4.9
NNW	2.1	2.0	1.2									5.3	4.6
VARBL													
CALM												4.7	
	22.3	32.0	32.4	7.4	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AYDN PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	.3									4.6	4.6
NNE	1.3	2.0	1.3	.3								4.8	5.6
NE	.3	1.3	3.3	1.0								7.9	8.2
ENE	.5	2.0	4.6	2.0			.3					9.4	9.1
E	.5	4.1	10.4	3.6								18.5	8.3
ESE	1.5	2.5	3.0	1.0	.3							8.4	6.9
SE	.8	.2	.2									1.8	4.4
SSE	.8	1.3	1.8	.3	.3							4.3	7.3
S	2.0	1.3	1.8	.3								5.6	5.5
SSW	.8	2.5	1.0									4.1	5.6
SW	1.8	1.0	.3									3.0	3.4
WSW	1.0	1.3	1.3									3.6	5.5
W	3.6	1.3	1.8	.3	.3							7.4	5.0
WNW	1.8	1.3	4.3									5.3	5.1
NW	1.0	.3	1.3									2.5	5.1
NNW	2.0	2.5	.3									4.6	3.7
VARBL													
CALM												4.3	
	20.6	28.4	37.1	8.6	.8		.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

394

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.4										1.6	3.0
NNE	.4	.4	.4									1.2	4.3
NE	.8	4.0	4.3									9.1	6.2
ENE	1.6	4.7	5.1	2.0								13.4	7.1
E	5.1	9.7	10.3	.8								26.1	6.0
ESE	1.6	2.0	1.6									5.9	4.9
SE	.4	.4										.8	3.5
SSE	1.2	1.0	2.0									4.7	5.9
S	2.0	.0	2.0									4.7	4.9
SSW	2.0	.0	.8									3.6	4.0
SW	2.8	.4	.4									3.6	2.6
WSW	2.0		.8									2.8	3.6
W	3.2	2.0										5.1	3.0
WNW	.4	3.2	.8									4.3	5.2
NW	.8	.0										1.6	3.8
NNW	.8											.8	1.0
VARBL													
CALM												10.7	
	26.1	32.0	28.5	2.8								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 253

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 STATION AVON PARK RANGE FLORIDA STATION NAME 69-70, 73-78 YEARS MAY MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.7	4.0										5.0	3.7
NE	2.9	5.0										8.6	4.0
ENE	2.9	1.4	.7									5.0	3.4
E	7.2	5.0										12.9	3.2
ESE	4.3	.1										5.0	2.6
SE	2.2											2.2	2.3
SSE	.7											.7	1.0
S	.7	2.6	.7	.7								4.3	6.0
SSW	1.4	.1										2.2	2.7
SW	.7		.7									1.4	5.0
WSW	1.4	1.4										2.9	3.8
W	2.2	3.0										5.8	4.4
WNW	1.4	.1	.7									2.9	4.0
NW	.7		.7	.7								2.2	8.0
NNW	1.4	.1										2.2	2.3
VARBL													
CALM												36.7	
	30.9	27.0	3.0	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURLS (LST)

CONDITION

SPEED (KNTS) D.R	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	.9	.1								5.1	4.5
NNE	1.7	2.6	.7	.0								5.1	4.4
NE	1.4	2.1	2.0	.4								5.9	5.9
ENE	1.8	2.3	2.7	1.0			.0					7.8	6.5
E	2.7	3.7	4.6	1.2								12.3	6.4
ESE	1.7	2.1	1.6	.2	.0							5.6	5.3
SE	.7	.0	.3	.0								1.8	4.8
SSE	1.4	1.7	1.3	.3	.1							5.1	5.9
S	2.4	2.3	2.6	.6	.0							7.9	5.8
SSW	1.4	1.3	.7	.1								3.4	4.9
SW	1.3	.7	.4									2.5	3.9
WSW	1.7	1.4	1.2	.2								4.6	5.1
W	2.2	1.3	.7	.2	.1							4.6	4.5
WNW	1.4	1.4	.8									3.4	4.4
NW	.7	.7	.4	.0								1.9	4.7
NNW	1.6	1.4	.7									3.7	4.2
VARIABLE													
CALM												19.3	
	26.0	28.1	21.9	4.3	.2		.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7											1.7	2.5
NNE													
NE	3.4											3.4	1.5
ENE	1.7											1.7	2.0
E	1.7											1.7	2.0
ESE	3.4											3.4	1.5
SE	4.3											4.3	2.0
SSE	4.3	2.0										6.8	3.3
S	7.7	.7										8.5	2.0
SSW	3.4											3.4	2.0
SW	1.7	.7										2.6	3.0
WSW	.9	.7										1.7	3.5
W	.9											.9	2.0
WNW	.9											.9	1.0
NW													
NNW													
VARBL													
CALM												59.0	
	35.9	5.1										100.0	.9

TOTAL NUMBER OF OBSERVATIONS

117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.8	.4										2.2	2.5
NNE	2.6	.7										3.3	2.3
NE	1.8	.4										2.2	2.5
ENE		.4										.4	6.0
E	.7											.7	2.5
ESE	1.1											1.1	2.0
SE													
SSE	.4	.7										.7	3.0
S	3.3	.7										3.6	2.0
SSW	1.5	.4										1.8	2.0
SW	.4											.4	3.0
WSW	2.2	.7	.4									3.3	3.2
W	.7											.7	1.5
WNW													
NW													
NNW	.7											.7	3.0
VARBL													
CALM												78.8	
	17.2	3.0	.4									100.0	.5

TOTAL NUMBER OF OBSERVATIONS

274

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.0										4.7	2.9
NNE	2.6	1.6										3.7	2.9
NE	2.4	1.6	.4									3.9	3.5
ENE	2.4	1.4	.2									3.9	3.3
E	2.6	1.0	.2									4.5	3.3
ESE	2.8	.4										3.2	2.3
SE	.6											.6	1.7
SSE	2.0	1.0										3.6	3.6
S	5.9	2.0	.2		.2							8.9	3.5
SSW	2.4	1.0	.4	.2	.2							4.7	4.5
SW	2.0	.6		.2								2.4	3.0
WSW	2.4	.0	.0									3.7	3.5
W	1.6	.6										1.8	2.1
WNW	.8											.8	2.0
NW	1.2											1.2	1.5
NNW	1.2	.6										1.4	2.0
VARBL													
CALM												46.9	
	35.3	15.0	4.0	.4	.4							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	.2									4.7	3.5
NNE	2.4	2.4	.2									4.9	3.8
NE	1.6	1.6	.4									3.1	4.2
ENE	1.0	2.1	.2	.2								4.1	4.8
E	2.5	3.1	2.0	.2								8.4	5.0
ESE	2.7	2.0	.8									5.5	3.8
SE	1.8	.4	.2									2.4	2.9
SSE	1.8	2.1	.2									4.7	3.8
S	2.7	6.1	2.7	.6								13.7	5.6
SSW	4.1	2.4	1.0	.2								7.6	4.0
SW	2.2	3.3	.2									5.7	3.8
WSW	2.2	3.3	.8									6.1	4.2
W	3.3	1.4	.4									5.1	3.4
WNW	2.4	.8	.2									3.1	3.1
NW	2.0	1.6										3.1	2.9
NNW	3.7	2.0										5.7	3.2
VARBL													
CALM												12.0	
	38.6	38.0	10.4	1.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1400-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	1.7	.4									5.3	3.7
NNE	1.4	2.3	1.0	.2								4.9	5.0
NE	1.4	.0	6.3	.6								5.1	6.5
ENE	1.9	2.4	.8	.6								5.4	5.2
E	1.9	3.3	6.3	.2								7.8	5.7
ESE	1.2	2.4	6.0	.2	.2							5.3	5.8
SE	1.2	.6	1.0	.2								2.5	5.7
SSE	1.9	2.3	1.9	.2								6.4	5.4
S	4.1	4.5	3.3	.2								12.1	5.0
SSW	1.6	2.7	1.0	.4								5.8	5.1
SW	1.4	1.7	1.0	.2								3.9	4.0
WSW	3.3	2.1	1.0	.4								7.4	4.4
W	2.1	2.1	.4	.2								5.4	4.1
WNW	1.6	1.0	.6	.2								2.9	4.2
NW	2.5	.0										3.3	2.6
NNW	3.7	3.4	.6									7.0	3.5
VARBL													
CALM												9.5	
	34.0	34.6	18.3	3.7	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.0	1.3	.3								4.9	5.2
NNE	1.6	2.6	1.1	.3								5.1	5.3
NE	.3	2.6	1.9	.5								4.9	6.6
ENE	.8	1.0	2.2	.8								5.4	7.2
E	2.4	4.3	3.9	1.6								14.3	7.1
ESE	1.1	1.0	3.0									5.7	6.5
SE	.3	1.0	.5	.3								2.7	6.3
SSE	1.3	2.4	2.4									6.2	5.4
S	4.6	5.4	5.1		.3							15.9	5.5
SSW	2.2	1.4	2.2	.3								6.5	5.6
SW	.8	.5	.5	.8	.3							3.0	8.0
WSW	1.3	.5	.5	.3								2.7	4.7
W	2.4	1.0	1.9									5.7	4.7
WNW	1.1	1.0										2.4	3.6
NW	1.9	1.0	.3									3.5	3.5
NNW	2.2	1.0	.5									4.3	3.8
VARBI													
CALM												7.0	
	25.9	32.1	24.4	5.1	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

371

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
NO AS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.4	1.1									3.5	4.2
NNE	.4											.4	2.0
NSE	1.4		.4	.4								2.1	4.5
ENE	1.8	1.0	2.1									5.7	5.2
E	5.3	5.0	3.9	.7								14.9	5.4
ESE	2.8	2.2	1.0									7.1	4.5
SE	1.8	1.0										3.5	3.6
SSE	3.9	3.3	1.4									8.9	4.1
S	3.9	4.3	2.3	.4								11.0	5.1
SSW	2.5	1.4	.4									4.3	3.5
SW	.7	.4	1.1	.4								2.5	6.4
WSW	1.8	3.6	.7									5.7	4.6
W	3.2	2.0	1.1									7.1	4.0
WNW	3.2	1.1	.4									4.6	2.9
NW	.7											.7	2.5
NNW	1.4	.4										1.8	2.6
VARBL													
CALM												16.3	
	36.9	28.4	10.7	1.8								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	1.3
NNE	.6											.6	2.0
NE													
ENE	3.8											3.8	1.5
E	8.9	1.7										10.8	2.4
ESE	1.9	1.7										3.8	3.3
SE	3.2	.0										3.8	2.7
SSE	5.7	.0	.0									7.0	2.9
S	7.6	2.3										10.1	2.9
SSW	1.9	1.0										3.2	2.6
SW	1.3	1.2										2.5	3.0
WSW	3.8	.0										4.4	2.4
W	3.2											3.2	2.4
WNW	.6											.6	1.0
NW	.6											.6	1.0
NNW	1.3											1.3	2.5
VARBL													
CALM												43.0	
	45.6	10.0	.0									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

128

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.4	.4	.0								4.1	3.6
NNE	1.7	1.0	.4	.1								3.6	4.1
NE	1.5	.9	.9	.2								3.5	4.9
ENE	1.6	1.0	.7	.3								4.2	4.9
E	2.9	2.7	6.0	.4								8.1	5.3
ESE	2.0	1.4	1.0	.0	.0							4.6	4.5
SE	1.2	.2	.2	.1								2.2	4.1
SSE	2.2	2.1	.9	.0								5.3	4.3
S	4.5	4.0	6.2	.2	.1							11.1	4.7
SSW	2.5	1.0	.8	.2	.0							5.2	4.4
SW	1.4	1.1	.4	.2	.0							3.2	4.6
WSW	2.3	1.0	.6	.1								4.8	4.1
W	2.3	1.2	.2	.0								4.1	3.7
WNW	1.4	.0	.1	.0								2.2	3.3
NW	1.4	.2	.0									2.0	2.7
NNW	2.2	1.6	.1									3.5	3.3
VARBL													
CALM												28.3	
	33.4	24.0	11.2	1.9	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

2733

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.6											2.6	1.5
NE													
ENE		3.0										3.8	4.0
E	1.3											1.3	2.0
ESE		1.3										1.3	6.0
SE	1.3											1.3	3.0
SSE		1.3										1.3	6.0
S	9.0	1.3										10.3	2.4
SSW	3.8											3.8	2.0
SW	1.3											1.3	2.0
WSW	1.3											1.3	1.0
W	2.6											2.6	1.5
WNW													
NW													
NNW													
VARBL													
CAIM												69.2	
	23.1	7.1										100.0	.8

TOTAL NUMBER OF OBSERVATIONS 78

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0500-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.0
NNE	2.7											2.7	2.0
NE	.8	.4										1.2	2.3
ENE	1.2	.4										1.6	3.3
E	1.9											1.9	1.8
ESE	.8											.8	3.0
SE													
SSE	.4	.4	.4									1.2	4.7
S	3.1	.4										3.5	2.1
SSW	.8											.8	1.5
SW													
WSW													
W	.4											.4	2.0
WNW													
NW													
NNW													
VARBL													
CALM												85.7	
	12.4	1.0	.4									100.0	.3

TOTAL NUMBER OF OBSERVATIONS 258

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 STATION AVON PARK RANGE FLORIDA STATION NAME 69-70, 73-78 YEARS JUL MONTH
ALL WEATHER CLASS 0000-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8											1.8	1.7
NNE	1.6	1.6										2.8	2.9
NE	1.4	.0										2.0	3.2
ENE	2.8	1.0	.4									4.8	3.5
E	2.8	1.4	.2									4.4	3.0
ESE	1.6	1.4										3.0	3.2
SE	.6	.2										.8	2.5
SSE	1.6	.0										2.4	3.0
S	5.4	2.0	.2									8.2	2.9
SSW	2.8	.0										3.4	3.0
SW	1.8	.0										2.4	2.9
WSW	2.2	.0										3.0	2.7
W	.8	.2	.2									1.2	3.2
WNW	.4											.4	2.0
NW	.6											.6	1.7
NNW	1.6											1.6	2.3
VARBL													
CALM												57.0	
	29.9	12.0	1.0									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 498

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.4										2.2	2.8
NNE	1.4	.5	.2									2.2	3.8
NE	.4											.4	2.0
ENE	1.2	1.0	1.2	.4								4.7	5.7
E	4.3	1.4	1.0									6.5	3.8
ESE	3.5	5.3	.4	.2								9.4	4.1
SE	.8	1.0	.4									2.9	4.6
SSE	2.6	3.3	.8	.2								7.1	4.4
S	5.1	7.1	4.3									17.3	5.1
SSW	4.9	1.0	1.6									8.1	4.0
SW	1.0	3.3	.4									4.7	4.5
WSW	3.9	2.0	.6									7.1	3.5
W	1.2	2.0	1.0									4.3	5.1
WNW	1.6	1.0	.4									3.1	3.6
NW	.8	.0										1.4	3.0
NNW	3.3	.0	.2									4.1	3.1
VARBL													
CALM												14.5	
	37.5	34.4	12.8	.8								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

491

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 STATION AVON PARK RANGE FLORIDA 69-70, 73-78 YEARS JUL MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.0	.4									3.6	3.6
NNE	2.6	2.0	.6	.6								5.8	4.9
NE	.2	1.0	.4	.2								1.8	5.9
ENE	.8	2.4	3.0									6.8	6.6
E	3.0	3.6	1.8	.4								8.4	5.2
ESE	1.4	2.4	1.0									5.4	5.3
SE	1.2	.0	.4	.2	.2							2.8	6.0
SSE	2.2	2.6	.6	.4		.2						5.8	5.5
S	4.2	6.0	4.0									14.8	5.1
SSW	2.0	3.4	1.2									6.6	4.6
SW	.8	2.6										3.0	4.4
WSW	3.4	2.0	1.0									6.4	4.0
W	3.0	2.4	1.0									6.4	3.9
WNW	1.0	1.0	.2	.2								3.2	4.8
NW	1.6	1.0	.2		.2							3.6	4.3
NNW	2.2	1.0										8	3.3
VARBL													
CALM												12.0	
	31.7	36.2	17.2	2.0	.4	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	.6									4.7	4.3
NNE	.6	.7	.9									2.5	6.0
NE	.9	1.6	1.3	.6								4.4	6.5
ENE	1.3	1.7	2.8	.6								6.6	6.9
E	1.9	3.4	2.5									8.5	5.9
ESE	2.2	1.7	4.2	.6	.3							7.6	6.9
SE	.9	2.4	1.9									5.0	5.8
SSE	1.6	1.0	4.2	.9								6.3	6.6
S	4.7	5.0	3.2	.9	.3							14.2	5.6
SSW	1.6	1.2	1.9									4.7	5.3
SW	1.3	1.7	.9									4.1	4.5
WSW	2.5	3.4	.9									6.6	4.1
W	1.6	1.7	.9									4.4	4.8
WNW	1.9	.7	.6									3.5	3.6
NW	1.9	.7										2.8	3.7
NNW	1.3	1.2	.2									2.8	4.0
VARBL													
CALM												11.0	
	27.8	32.4	24.6	3.8	.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 317

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 74-78

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.4									1.3	5.0
NNE	1.3	.4	.9									2.7	4.7
NE	.4	1.3	.9									2.7	5.2
ENE	2.2	.9	1.3	.4								4.9	5.0
E	3.6	3.1	1.8									8.5	4.6
ESE	4.5	2.2	.4									7.1	3.4
SE	1.3	.4										1.8	2.8
SSE	.9	3.1	.4	.4								4.9	5.4
S	5.4	3.0	1.1	.4								12.5	4.9
SSW	3.6	1.3	1.8									6.7	4.3
SW	1.8	.9	4.2									4.9	5.7
WSW	2.2	1.8	.4									4.5	3.6
W	4.9	1.3	.4	.4								7.1	3.7
WNW	1.3	.9										2.2	3.6
NW	.9	.4										1.3	3.7
NNW	1.3	1.3										2.7	3.2
VARBL													
CALM												24.1	
	36.2	23.1	14.3	1.1								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 74-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.0										2.5	3.3
NNE	4.1	.0										4.9	2.3
NE	3.3											3.3	1.8
ENE	2.5	.0										3.3	2.5
E	1.6		.0									2.5	3.7
ESE	.8											.8	1.0
SE	1.6											1.6	2.0
SSE	4.1											4.1	1.8
S	8.2											8.2	2.3
SSW	2.5	.0										3.3	2.3
SW	2.5											2.5	1.3
WSW	4.1											4.1	1.6
W	3.3	.0										4.1	2.4
WNW	2.5											2.5	1.7
NW													
NNW		.0										.8	4.0
VARBL													
CALM												51.6	
	42.6	4.7	.8									100.0	1.1

TOTAL NUMBER OF OBSERVATIONS

122

GLOBAL CLIMATOLOGY BRANCH
USAFETAG
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-74
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
NOVARS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.0	.2									2.4	3.4
NNE	1.9	1.0	.4	.1								3.3	4.0
NE	.8	.1	.3	.1								1.9	4.7
ENE	1.6	1.1	1.3	.2								5.0	5.4
E	2.9	1.0	1.4	.1								6.1	4.5
ESE	2.1	2.3	.8	.1	.0							5.3	4.7
SE	.9	.0	.4	.0	.0							2.2	4.9
SSE	1.8	1.0	.7	.3		.0						4.7	4.9
S	5.0	4.4	2.4	.2	.0							12.1	4.6
SSW	2.8	1.4	1.0									5.2	4.0
SW	1.2	1.3	.4									3.1	4.3
WSW	2.7	1.0	.2									4.8	3.5
W	1.9	1.3	.9	.0								3.9	4.1
WNW	1.1	.0	.4	.0								2.1	3.8
NW	.9	.0	.0		.0							1.6	3.7
NNW	1.7	.0	.1									2.5	3.2
VARBL													
CALM												33.8	
	30.7	23.4	10.7	1.2	.2	.0						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

2489

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

09-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	0.0										2.5	2.7
NNE													
NE	1.7											1.7	1.5
ENE	4.2											4.2	1.8
E	4.2											4.2	1.8
ESE	2.5											2.5	1.3
SE													
SSE													
S	4.2	1.7										5.9	2.3
SSW	4.2	0.0										5.1	2.0
SW													
WSW	0.8											0.8	3.0
W	0.8											0.8	3.0
WNW	1.7											1.7	2.0
NW	0.8											0.8	1.0
NNW	0.8											0.8	3.0
VARBL													
CALM												68.6	
	28.0	3.4										100.0	0.6

TOTAL NUMBER OF OBSERVATIONS 118

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (C.S.T.)

CO IDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	.7										4.0	2.7
NNE	3.1	.3										3.4	2.0
NE	3.7	.3										4.0	2.1
ENE	2.9	.3										3.1	2.2
E	.9											.9	2.0
ESE	.6											.6	1.5
SE	.6											.6	1.5
SSE	.9	.3										1.1	1.8
S	3.4											3.4	1.8
SSW	.9	.3										1.1	3.0
SW	.9	.3										1.1	2.5
WSW	.9											.9	1.7
W													
WNW	.9											.9	2.0
NW	.5											.9	2.0
NNW	1.1											1.1	1.8
VARBL													
CALM												72.9	
	24.6	2.0										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 350

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	.4										5.6	2.2
NNE	5.1	1.3	.4									6.7	3.0
NE	3.6	1.0	.2									5.4	3.1
ENE	2.5	3.1	.4									6.0	3.8
E	3.8	1.3	.5									5.6	3.2
ESE	2.0	.7										2.9	2.9
SE	1.8	.4										2.2	2.5
SSE	1.1	.1										1.8	3.1
S	4.2	1.3										5.4	2.8
SSW	1.3	.1	.2									2.2	3.2
SW	.7	.2	.6									1.5	3.9
WSW	1.3											1.5	2.0
W	.4	.6										.5	2.7
WNW	.4											.4	1.5
NW	.4											.4	3.0
NNW	.9	.2	.2									1.6	3.6
VARBL													
CALM												50.3	
	34.8	12.7	2.0									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

551

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.4										2.4	3.2
NNE	1.5	.5	1.3	.2								3.5	5.5
NE	.9	2.4	1.3	.2								4.6	5.4
ENE	1.1	2.7	3.0	.4								7.8	6.5
E	4.0	4.4	2.5	.9								12.6	5.4
ESE	3.1	4.4	2.4									9.8	4.7
SE	1.6	1.0	.4									3.6	4.0
SSE	4.2	5.0	1.5									11.3	4.2
S	5.3	8.4	2.1									16.8	4.6
SSW	2.0	2.7	.4									5.1	4.0
SW	.9	1.0	.4									2.9	4.0
WSW	1.3	1.1	.4									2.7	3.9
W	1.1	.4		.2								1.5	3.6
WNW	1.1		.2									1.3	3.3
NW	.2	.7										.9	4.6
NNW	1.5	.4										2.4	3.3
VARBL													
CALM												10.9	
	31.1	37.4	14.2	1.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.2	.2								3.5	4.3
NNE	.7	1.2	.6									2.6	4.7
NE	1.7	2.0	1.7	.4								6.3	5.6
ENE	2.8	2.4	4.1	.7								10.4	6.1
E	2.6	4.2	2.9	.4								13.2	6.5
ESE	3.7	3.7	1.9	.6								10.0	5.0
SE	2.4	1.1										4.1	3.1
SSE	2.8	2.6	.4									8.9	4.4
S	4.5	4.2	3.9	.2	.2							13.0	5.3
SSW	1.5	1.2	.2									3.0	3.9
SW	.7	1.2	.7									2.8	4.9
WSW	1.5	1.2	.4									3.3	4.3
W	2.0	1.7	.4									4.1	3.8
WNW	.7	.1	.4									1.9	4.7
NW	.9	.1	.4									2.0	4.3
NNW	1.7	1.1	.4									3.7	3.9
VARBL													
CALM												7.1	
	32.0	36.4	21.4	2.4	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	1.5									6.4	5.1
NNE	.9	.7										1.8	3.0
NE	1.8	2.4	1.8	.6								6.7	5.8
ENE	1.2	3.4	7.0	2.1								13.8	7.7
E	4.0	3.1	6.7	2.1	.3							16.2	7.2
ESE	2.4	2.1	2.8	.6								8.0	5.9
SE	1.2	.0	.9									2.8	5.2
SSE	1.8	3.4	1.2	.3								6.7	5.0
S	2.1	3.1	3.1									8.3	5.5
SSW	1.5	.7	.2									2.8	3.9
SW	.6	1.2	.3									2.1	4.6
WSW	1.2	.0										1.8	3.2
W	1.2	.0	.6									2.4	4.4
WNW	.9	1.2	.9									2.8	5.2
NW	.6	.2	.3									1.2	5.3
NNW	.9	1.0	.9									3.7	4.8
VARBL													
CALM												12.5	
	24.5	28.1	28.1	5.8	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

327

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.2	.2									3.8	3.3
NNE	2.7	.2	.2	.5								4.4	4.1
NE	1.6	2.2	1.1									4.9	4.1
ENE	4.4	3.8	3.3	.5								12.0	5.0
E	5.5	4.4	3.3									13.1	4.6
ESE	6.0	1.0	.2									8.2	2.7
SE	1.6	.2		.5								2.7	5.4
SSE	1.6	2.2	.5									4.4	3.9
S	4.9	1.0										6.6	2.8
SSW	1.6	.2										2.2	2.3
SW	1.1											1.1	2.5
WSW	1.1	1.1										2.2	3.0
W	.5											.5	1.0
WNW		.2										.5	4.0
NW	1.1	.2										1.6	3.3
NNW	1.6	.2	.2									2.7	3.2
VARBL													
CALM												29.0	
	38.3	20.4	10.4	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 183

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	3.0
NNE	3.9											3.9	1.5
NE	4.6											4.6	1.9
ENE	7.2	2.0										9.2	2.7
E	3.9	1.3										5.2	2.6
ESE	6.5											6.5	1.7
SE	2.6											2.6	2.0
SSE	2.6	2.0										5.2	3.6
S	6.5	.1	.7									7.8	2.7
SSW	4.6											4.6	1.9
SW	2.0	.1										2.6	2.5
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												46.4	
	45.8	7.6	.7									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 153

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.1	.3	.0								4.0	3.4
NNE	2.3	.8	.2	.1								3.7	3.6
NE	2.3	1.1	.4	.2								5.2	4.4
ENE	2.6	2.2	2.6	.5								8.3	5.5
E	3.4	2.0	3.0	.5	.0							9.5	5.5
ESE	3.0	2.6	1.2	.2								6.5	4.4
SE	1.6	.8	.2	.0								2.7	3.5
SSE	2.2	3.0	.7	.0								5.9	4.2
S	4.3	3.3	1.8	.0	.0							9.5	4.3
SSW	1.8	1.6	.2									3.1	3.4
SW	.8	.7	.2									2.0	4.0
WSW	1.2	.7	.1									2.0	3.5
W	.9	.2	.1	.0								1.6	3.7
WNW	.7	.3	.2									1.2	3.9
NW	.6	.4	.1									1.0	3.9
NNW	1.2	.7	.2									2.3	3.7
VARBL													
CALM												31.6	
	31.6	22.0	12.3	1.6	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-75, 78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	4.5											4.5	1.0
NE	2.2											2.2	1.0
ENE	2.2											2.2	2.0
E		1.1										1.1	4.0
ESE													
SE													
SSE													
S													
SSW													
SW	2.2											2.2	1.5
WSW	3.4											3.4	1.7
W													
WNW	2.2											2.2	1.5
NW	2.2											2.2	2.5
NNW													
VARBL													
CALM												79.8	
	19.1	1.1										100.0	3

TOTAL NUMBER OF OBSERVATIONS 89

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	5.2	1.4										6.6	2.4
NNE	2.3	.9										3.8	2.4
NE	4.2	.9										5.2	2.5
ENE	.9											.9	1.5
E	.5	.9										.9	2.3
ESE	.5											.5	1.0
SE													
SSE													
S	2.3											2.3	2.2
SSW	1.4											1.4	1.7
SW													
WSW	.5											.5	1.0
W	1.9											1.9	1.5
WNW	.5											.5	2.0
NW													
NNW	1.4	.9										1.9	2.8
VARBL													
CALM												73.7	
	22.5	3.6										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 213

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	2.0										6.9	2.9
NNE	3.0	1.4										5.3	2.5
NE	5.1	2.4	.4									7.7	3.1
ENE	2.6	1.6	.2									4.0	3.2
E	1.6	1.0	.6									4.0	3.9
ESE	.4	.4										.8	3.3
SE	.4											.4	2.0
SSE	.8		.4	.2								1.4	5.6
S	1.2	.4										1.6	2.9
SSW	1.2	.4										1.6	2.4
SW	.6	.0										1.2	3.0
WSW	1.0											1.0	2.0
W	1.0	.6										1.2	2.3
WNW	1.2											1.2	1.8
NW	.6											.6	2.0
NNW	.8	.0										1.6	3.3
VARBL													
CALM												59.4	
	26.7	12.4	1.0	.2								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	.2									6.4	3.7
NNE	2.7	1.0	.2									4.7	3.8
NE	.8	2.2	1.0									4.9	3.6
ENE	3.1	5.7	2.3	.6								11.9	5.2
E	3.7	5.2	3.3	.2								12.3	4.9
ESE	2.5	3.2	1.4									7.4	4.6
SE	.8	.0	.4									2.0	4.5
SSE	2.7	3.1	.0	.4								7.4	4.6
S	4.3	2.7	.0	.2								8.0	4.1
SSW	1.6	3.2	1.0									5.9	4.6
SW	1.2	1.0	.2									3.1	3.8
WSW	3.3	1.0	.4									5.3	3.2
W	.8	1.4										2.0	3.8
WNW	.8	.0	.2									1.8	3.6
NW	.8	.0										1.4	3.1
NNW	1.4	1.0	.4									2.9	4.1
VARBL													
CALM												12.5	
	33.2	39.0	13.1	1.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.4	.4									6.4	3.8
NNE	1.4	3.4	.0									5.4	4.6
NE	1.8	3.4	2.2									7.4	5.2
ENE	1.2	4.0	4.0	1.0	.2							10.4	6.7
E	2.8	5.0	2.0		.2							11.6	5.3
ESE	1.4	3.0	.2									4.6	4.1
SE	1.0	1.0	.2									2.2	4.0
SSE	3.0	4.0	1.2	.6								8.8	5.0
S	3.2	4.4	1.2	.6								9.4	4.7
SSW	2.2	1.4										3.6	3.3
SW	.6	1.0										1.6	4.0
WSW	2.2	3.0	.8									6.0	4.4
W	1.8	1.0										3.4	3.8
WNW	1.8	.0	.4									2.8	3.5
NW	1.8	1.4	.2									3.4	3.5
NNW	2.8	1.4	.2									4.4	3.3
VARBL													
CALM												9.0	
	31.5	42.4	14.5	2.2	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	2.1									7.9	4.5
NNE	2.1	1.4	1.2	.3								5.0	5.6
NE	2.1	1.5	2.6	.6								6.7	6.0
ENE	3.5	3.3	2.9	.9								10.9	5.7
E	2.6	6.4	4.4	1.8								15.0	6.4
ESE	2.1	1.0	1.5									5.3	4.5
SE	.3	.7										1.2	4.5
SSE	1.5	1.0	.3	.6								4.1	5.2
S	2.1	1.3	1.8	.3								5.6	5.5
SSW	.9	.3	.0	.3								2.1	5.6
SW	1.8	.7	.3									2.9	3.6
WSW	.9	2.1	.9									3.8	4.9
W	3.2	2.0										5.9	3.1
WNW	1.8	2.1										3.8	3.3
NW	3.5	1.3										5.0	2.5
NNW	2.1	2.1										4.1	3.7
VARBL													
CALM												10.9	
	33.4	32.2	18.0	4.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 341

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.0										1.6	3.8
NNE	1.6	.0										2.4	2.5
NE	3.2	5.1	.0									9.1	4.2
ENE	0.7	3.2	2.0	.4								14.2	3.8
E	6.7	6.7	.0	.4								14.6	4.1
ESE	1.6	.0	.4									2.8	3.7
SE	1.2	.4										1.6	2.5
SSE	2.0	1.2	.0									4.0	4.0
S	2.8	.0	.4									4.0	3.4
SSW	.8	.4	.4									1.6	4.0
SW	1.2											1.2	2.0
WSW	.4											.4	1.0
W	4.3											4.3	1.9
WNW	2.8	2.4										5.1	2.8
NW	1.2	.0										2.0	2.6
NNW	1.6	1.6	.0									3.6	4.9
VARBL													
CALM												27.7	
	40.7	24.2	9.2	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

253

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1										1.4	4.0
NNE	1.4	1.4										2.9	3.3
NE	6.5	1.4										7.9	2.1
ENE	5.0	2.9										7.9	2.9
E	4.3											4.3	2.2
ESE	2.9											2.9	1.5
SE													
SSE	1.4	.1	.7									2.9	3.8
S	1.4											1.4	1.5
SSW	2.9											2.9	1.3
SW	2.2		.7									2.9	3.5
WSW	.7											.7	3.0
W	2.2	1.4										3.6	3.0
WNW	1.4											1.4	2.0
NW													
NNW	.7	1.4										2.2	4.0
VARBL												54.7	
CALM													
	33.8	10.4	1.4									100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

09-70, 73-78

SEP

ALL WEATHER

ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.2	.4									5.7	3.6
NNE	2.5	1.7	.4	.0								4.6	3.7
NE	2.9	2.4	1.3	.1								6.7	4.3
ENE	3.1	3.1	1.9	.5	.0							8.7	5.1
E	2.9	4.0	2.0	.3	.0							9.3	5.0
ESE	1.5	1.7	.6									3.7	4.2
SE	.6	.2	.1									1.2	3.9
SSE	1.7	1.9	.6	.2								4.6	4.8
S	2.5	1.8	.6	.2								5.2	4.3
SSW	1.5	1.1	.3	.0								2.9	3.8
SW	1.0	.0	.1									1.9	3.5
WSW	1.6	1.4	.4									3.2	3.8
W	1.9	1.0										2.9	3.0
WNW	1.5	.0	.1									2.4	3.0
NW	1.3	.7	.0									2.0	2.9
NNW	1.6	1.6	.2									2.9	3.7
VARBL													
CALM												32.2	
	31.0	26.2	9.0	1.5	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2520

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69.75

UCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	15.8											15.8	2.3
NNE													
NE	5.3											5.3	3.0
ENE	5.3											5.3	3.0
E	10.5											10.5	2.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	5.3	10.2										15.8	4.3
VARBL													
CALM												47.4	
	42.1	10.2										100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 19

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0000-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	16.8	11.0	4.3									32.9	3.8
NNE	4.3	3.1	.6									8.1	3.6
NE	1.2	.0	.6									2.5	4.8
ENE													
E	.6	.0										1.2	2.5
ESE													
SE													
SSE	.6	1.6										1.9	4.0
S	.6											.6	1.0
SSW	.6											.6	2.0
SW	.6											.6	2.0
WSW													
W	1.9	.0										2.5	2.3
WNW	1.9											1.9	2.3
NW	1.2	1.6										2.5	3.3
NNW	3.1	3.1	1.9									8.1	4.2
VARBL													
CALM												36.6	
	33.5	22.4	7.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	14.4	13.3	4.3	.2								32.2	4.0
NNE	3.9	2.7	1.2	.6								8.4	4.6
NE	2.1	1.0	.2									3.3	3.6
ENE	1.4	.6	.2									2.3	3.2
E	1.0	1.2	.2									2.5	4.1
ESE	.4	.6										.6	2.7
SE	.6											.6	2.0
SSE	.4	.6	.4									1.4	3.0
S	.8	.4										1.2	3.0
SSW	.2											.2	2.0
SW													
WSW	.4	.6										.6	2.7
W	.8	.4										1.2	3.0
WNW	.8											.8	2.0
NW	.4	.6										1.0	3.8
NNW	2.3	6.0	.4									9.7	4.0
V/RBL													
CALM												33.9	
	31.0	27.2	7.0	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

487

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	7.4	9.3									17.1	5.8
NNE	2.9	6.7	9.1	1.4	.2							17.5	6.6
NE	1.8	4.7	4.9	1.4								12.9	6.8
ENE	.4	4.3	3.3	.8								8.8	6.7
E	2.5	5.1	4.1									11.8	5.7
ESE	1.2	2.4	1.8	.2								5.5	5.6
SE	.6	.9	.9									1.8	5.4
SSE	.4	1.0	2.0	.2								4.1	6.1
S	.6	1.0	.9	.8								2.9	7.5
SSW	.4	.4	.4	.2								1.4	6.0
SW	.2											.2	3.0
WSW		.4										.4	4.5
W	1.4	1.4										2.7	3.2
WNW	.6	.6										.8	2.5
NW	.4	.9	1.0									2.0	5.5
NNW	1.8	2.7	1.4									6.1	4.8
VARBL													
CALM												4.1	
	18.0	40.4	32.4	4.9	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

510

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.9	2.9	.6								10.1	5.9
NNE	1.0	4.5	7.6	2.5								15.6	7.9
NE	.4	3.1	6.2	2.9	.4							13.1	8.8
ENE	2.3	3.1	6.0	2.1								13.6	7.3
E	1.4	5.1	4.5	.4								11.3	6.4
ESE	1.0	1.9	1.2									4.1	5.2
SE	.8	1.0	.4									2.1	4.5
SSE	.8	1.0	1.1									4.7	5.7
S	1.0	1.0	1.0	.6								4.1	6.3
SSW		.4	.6									1.0	6.4
SW	.6	.4										1.0	3.6
WSW	.2	.0	.2									1.0	5.2
W	.8	1.0	.6	.2								2.5	5.3
WNW	.8	1.0	.4									2.7	4.5
NW	2.1	1.0	.4									3.5	3.8
NNW	1.9	1.8	2.1									5.8	4.9
VARBL													
CALM												3.7	
	16.8	33.2	36.3	9.4	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

513

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 STATION AVON PARK RANGE FLORIDA 69-70, 73-78 YEAR UCT MONTH 1200-1700 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.1	2.8									9.6	5.1
NNE	1.4	4.7	2.4	3.0								14.7	7.8
NE	.8	6.1	4.2	3.3	.2							19.3	8.1
ENE	.9	3.2	4.2	3.5								15.9	8.2
E	1.9	4.4	4.2	1.4								11.9	6.6
ESE	1.2	1.9	1.2	.2								4.4	5.3
SE	.9	.2	.4									1.6	3.6
SSE	1.4	.7										2.3	3.1
S	.5	.1	1.2									2.3	6.5
SSW		.4	.2									1.2	6.0
SW	.2	.1										.9	4.5
WSW	.5	.6	.3									1.2	5.6
W	1.2	1.4	.4									2.8	3.9
WNW	.5	.1	.9									2.1	5.3
NW	.7	1.4	.4									2.3	4.3
NNW	2.6	1.0	.2									4.7	3.6
VARBL													
CALM												2.8	
	16.3	34.2	32.0	11.4	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

UCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

NOVARS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	.7	2.0									6.7	4.8
NNE	6.3	4.4	2.2	.4								16.3	5.2
NE	7.0	10.0	4.1	.4								21.5	4.7
ENE	5.9	5.4	1.9									13.0	4.3
E	4.8	4.1	1.1									10.0	3.7
ESE	3.0	.7	.4									4.1	3.5
SE		.4										.4	4.0
SSE	.7	.4	.4									1.5	4.3
S													
SSW		.4										.4	5.0
SW		.4										.4	5.0
WSW													
W	1.1	1.2										2.6	3.6
WNW	1.5	.4										1.9	2.6
NW	.3											.4	2.0
NNW	.4		.4									.7	4.5
VARBL													
CALM												20.4	
	34.4	28.2	12.9	.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69,74-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.3	3.8	3.8									17.9	4.0
NNE	6.4	12.0	2.6									21.8	4.4
NE	3.8	2.0	1.3									7.7	3.5
ENE		3.0	1.3									5.1	5.3
E	1.3											1.3	2.0
ESE	6.4	1.3										7.7	2.5
SE													
SSE	2.6											2.6	3.0
S	1.3											1.3	2.0
SSW													
SW													
WSW													
W		1.3										1.3	5.0
WNW													
NW	2.6		1.3									3.8	4.0
NNW	3.8											3.8	2.0
VARBL													
CALM												25.6	
	38.5	25.0	10.3									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

78

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	7.1	3.9	.2								17.2	4.7
NNE	3.0	4.0	4.7	1.5	.0							14.1	6.5
NE	1.9	4.1	4.5	1.5	.1							12.2	6.9
ENE	1.7	2.7	3.6	1.2								9.5	6.7
E	2.0	3.0	2.7	.3								8.6	5.7
ESE	1.3	1.4	.9	.1								3.6	4.9
SE	.6	.4	.2									1.3	4.3
SSE	.8	1.1	1.0	.0								2.9	5.2
S	.6	.7	.2	.3								2.2	6.1
SSW	.2	.4	.2	.0								.8	5.7
SW	.2	.2										.5	3.8
WSW	.2	.3	.1									.6	4.7
W	1.1	1.1	.2	.0								2.3	3.8
WNW	.8	.2	.2									1.6	3.8
NW	.9	.6	.4									2.1	4.2
NNW	2.3	2.1	1.1									6.0	4.3
VARBL													
CALM												14.6	
	23.7	32.1	24.2	5.2	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2467

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.0											10.0	3.0
NNE	30.0											30.0	2.0
NE	10.0											10.0	2.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	10.0											10.0	2.0
WSW		10.0										10.0	5.0
W													
WNW													
NW			10.0									10.0	8.0
NNW													
VARBL													
CALM												20.0	
	60.0	10.0	10.0									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 10

2
(
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 74-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0400-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	17.2	3.2	1.6								27.0	5.3
NNE	1.6	3.2										4.8	3.3
NE	3.2											3.2	2.5
ENE	3.2	3.2										6.3	3.5
E													
ESE													
SE	1.6											1.6	2.0
SSE													
S	4.8											4.8	1.7
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	6.3	4.0										11.1	3.7
VARBL													
CALM												41.3	
	25.4	28.0	3.2	1.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

63

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	8.0	12.1	0.6	.9								27.1	5.2
NNE	3.9	1.1	.6									5.2	2.8
NE	1.8	.7										2.7	3.0
NNE	1.1	.6										1.4	3.2
E	.5	.6										.7	3.0
ESE	.2											.2	2.0
SE													
SSE		.1										.7	5.0
S	1.8	1.0	.6									3.6	3.8
SSW		.1										.7	5.0
SW													
WSW	.2											.2	2.0
W	.9											.9	1.5
WNW	.5	.6										.7	3.3
NW			.2									.2	7.0
NNW	2.7	2.2	1.4									6.6	4.4
VARBL													
CALM												49.0	
	21.6	20.2	0.2	.9								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

439

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	5.1	4.4	2.9								22.1	6.7
NNE	1.8	5.1	4.1	.4								12.1	5.8
NE	2.0	1.4	2.7									6.1	5.4
ENE	1.2	3.1	1.8	.6								6.8	6.0
E	1.4	2.3	2.3									5.9	5.5
ESE	1.8	1.0	1.0									3.9	4.4
SE	.6	.0										1.2	3.5
SSE	2.3	1.0	1.0	.2								5.9	5.2
S	2.9	2.3	2.3	.8								8.6	5.8
SSW	1.2	.0	1.0									2.7	4.9
SW	.2	.0	.0									1.4	5.9
WSW	1.6	1.6	.2									3.1	3.7
W	.6	.7	.2									1.2	4.2
WNW	.2	.6	.4	.2								1.0	6.6
NW	.2	1.0	.4	.2								1.8	6.3
NNW	1.2	2.1	2.7	.6								7.2	6.2
VARBL													
CALM												8.6	
	23.8	30.1	30.7	5.9								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 STATION AVON PARK RANGE FLORIDA STATION NAME 69-70, 73-78 YEARS NOV MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.7	5.4	1.4								15.6	6.6
NNE	2.3	4.7	3.8	.6								11.1	5.8
NE	.6	3.1	3.2	.2								7.4	6.8
ENE	.8	2.7	3.5	.2								7.4	6.3
E	1.0	3.7	4.1									9.0	6.3
ESE	1.2	2.0	1.6									4.9	5.3
SE	.6	.6	.4									1.2	4.5
SSE	1.2	2.3	1.8									5.3	5.7
S	.4	2.7	3.1	1.2								7.6	7.4
SSW	1.0	1.4	.4	.4								3.3	5.3
SW	.6	1.6	.8	.2								2.9	5.6
WSW	.8	1.0	.8									2.7	5.0
W	1.4	1.4	.6									3.5	4.4
WNW	.8	.6	.8	.2								2.5	5.8
NW	1.0	2.3	1.2	.2								4.7	5.4
NNW	.8	3.2	2.7	.4								7.4	6.1
VARBL													
CALM												3.7	
	18.0	38.2	34.6	5.1								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 488

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	5.7	4.5									14.4	5.3
NNE	.5	3.0	4.3	.2								8.8	6.5
NE	1.1	3.6	2.9	.2								7.4	5.9
ENE	.7	3.4	1.8	1.6								7.4	6.9
E	1.4	4.3	4.7									10.4	6.0
ESE	1.6	2.3	.9									5.0	4.5
SE	.9	.6										1.1	2.6
SSE	1.4	1.4	.7									3.4	4.7
S	2.3	1.6	1.4	.2								5.4	4.9
SSW	.5	1.4	.2									2.0	4.1
SW	.2	1.4										1.6	4.1
WSW	.9	1.1	.5									2.5	4.1
W	1.6	.7	.7	.2								3.4	4.8
WNW	2.3	1.4	.2									3.8	3.7
NW	2.7	3.6	1.8	.5								8.1	5.2
NNW	1.6	2.7	1.1									5.6	4.8
VARBL													
CALM												9.7	
	23.4	34.2	22.7	2.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 444

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 74-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.1	.9									8.2	3.7
NNE	1.4	2.2	.9	.5								5.0	5.8
NE	6.4	5.0	1.8	.5								13.7	4.2
ENE	5.9	1.0	.9									8.7	3.2
E	4.1	.9										5.0	2.3
ESE	1.8											1.8	1.8
SE													
SSE													
S	1.4											1.4	2.0
SSW		.5										.5	4.0
SW	.9											.9	2.5
WSW	1.4	.5										1.8	2.3
W	3.2	.9	.5									4.6	3.2
WNW	2.3	1.0	.9									5.0	4.0
NW	1.4		.9									2.3	4.0
NNW	1.8	1.0										3.7	3.4
VARBL													
CALM												37.4	
	35.2	19.0	6.8	.9								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 75-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	3.0	3.0									10.6	4.6
NNE	9.1	3.0	3.0									15.2	4.0
NE	4.5	1.2	1.5									7.6	3.6
ENE	1.5											1.5	2.0
E		1.2										1.5	4.0
ESE													
SE													
SSE													
S													
SSW	1.5											1.5	2.0
SW													
WSW	4.5											4.5	2.0
W	3.0											3.0	2.0
WNW	1.5		1.5									3.0	6.0
NW	6.1	4.2	1.5									12.1	4.0
NNW	3.0	3.0	1.5									7.6	5.0
VARBL													
CALM												31.8	
	39.4	16.1	14.1									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 66

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	6.7	2.7	1.2								18.5	5.8
NNE	2.3	3.1	2.7	.3								9.1	5.4
NE	2.1	2.3	2.6	.1								6.7	5.3
ENE	1.5	2.2	1.6	.5								6.0	5.7
E	1.3	2.4	2.3									6.0	5.6
ESE	1.2	1.6	.8									3.2	4.5
SE	.5	.6	.1									.8	3.5
SSE	1.0	1.2	.9	.0								3.3	5.2
S	1.8	1.0	1.5	.5								5.6	5.6
SSW	.6	.9	.4	.1								2.0	4.8
SW	.4	.1	.2	.0								1.4	5.0
WSW	1.0	.0	.2									2.2	3.9
W	1.4	.1	.4	.0								2.4	4.0
WNW	1.0	.1	.5	.1								2.3	4.6
NW	1.1	1.2	.9	.2								3.7	5.3
NNW	1.8	2.0	1.7	.2								6.5	5.3
VARBL													
CALM												20.3	
	23.8	30.6	22.4	3.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2217

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATIONAVON PARK RANGE FLORIDA
STATION NAME68-69,73
YEARSDEC
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	4.2										12.2	3.2
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	4.9											4.9	1.5
S	7.3											7.3	2.3
SSW													
SW													
WSW	2.4	2.4										4.9	3.5
W	2.4											2.4	2.0
WNW		2.4										2.4	5.0
NW													
NNW	9.8	4.2										14.6	3.2
VARBL													
CALM												51.2	
	34.1	14.0										100.0	1.4

TOTAL NUMBER OF OBSERVATIONS

41

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 74-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	15.9	4.5	4.5									25.0	4.1
NNE													
NE	4.5											4.5	2.0
ENE			2.5									2.3	8.0
E													
ESE		4.5										4.5	4.0
SE													
SSE													
S		2.5										2.3	4.0
SSW													
SW													
WSW	2.3											2.3	2.0
W		2.5										2.3	4.0
WNW	2.3											2.3	3.0
NW													
NNW	2.3	4.5										6.8	3.7
VARBL													
CALM												47.7	
	27.3	18.6	9.0									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

44

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804 AVON PARK RANGE FLORIDA

68-70, 73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.8	7.0	3.8	.2								21.4	4.3
NNE	1.3											1.3	2.0
NE	1.3	.4										1.8	2.8
ENE	.2	.7	.4									1.6	5.4
E													
ESE	.9											.9	2.0
SE													
SSE	.9	.1	.4	.2								2.2	5.8
S	2.7	.7	.4									4.0	3.5
SEW	.7	.6										.9	3.0
SW	.7		.2									.9	3.8
WSW	.2		.2									.4	4.0
W	.2	.6										.4	3.5
WNW	.7	.5	.4									1.3	4.7
NW	.7	.4	.4									1.6	4.4
NNW	5.6	4.7	.4	.4								11.4	3.8
VAHRL													
CALM												49.9	
	25.8	15.2	8.7	.9								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

449

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

68-70, 73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	9.4	7.0	.8								23.2	5.6
NNE	1.6	2.0	1.4									5.8	2.0
NE	1.6	2.4	.8									4.8	4.4
ENE	2.0	1.4	.0									4.0	4.1
E	1.2	1.0	2.0									4.8	5.5
ESE	.8	1.0	.4									2.8	4.6
SE	.6		.6									1.2	5.2
SSE	.2	1.6	.8	.8								3.0	8.3
S	2.6	2.0	2.4	1.2								8.8	6.3
SSW	1.6	2.4	.2									4.2	3.2
SW	.4	1.4	.6									2.4	5.0
WSW	.6	1.0										1.6	3.8
W	.4	.0										1.2	4.2
WNW	.4	1.0	.0									2.0	5.3
NW	.8	.8	6.0	.4								4.0	6.6
NNW	3.4	5.0	1.4									9.8	4.3
VARBL													
CALM												10.4	
	23.6	35.4	21.4	3.2								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

500

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	4.2	4.7	.2								13.9	5.4
NNE	1.6	2.1	1.4	.4								6.1	5.4
NE	.8	1.0	1.4									3.1	5.5
ENE	.8	.4	1.0	.2								2.5	6.2
E	2.0	1.0	4.1	.4								8.4	6.4
ESE	1.2	3.2	2.2	.2								7.2	5.8
SE	.2	.6	.0									1.0	6.0
SSE	1.0	2.2	.0	.8								4.7	6.1
S	2.5	4.7	3.7	.4								11.7	6.1
SSW	.8	1.6	1.0	1.0								4.7	6.8
SW	.6	1.0	.0									2.9	4.9
WSW	.4	2.2	2.0									4.9	6.0
W	.4	1.4	.4									2.3	5.0
WNW	1.2	1.4	2.2									5.1	6.0
W	1.2	2.0	2.2	.2								5.7	6.1
NNW	2.5	4.1	2.2	.2								9.8	5.5
VARBL													
CALM												5.9	
	22.1	36.4	31.8	4.1								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

489

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	% ¹	MEAN WIND SPEED
N	2.7	6.0	4.1									11.8	4.6
NNE	2.1	1.0	1.4	.5								5.6	5.4
NE	1.2	1.4	1.4	.2								4.2	5.6
ENE	2.1	2.1	1.2									5.3	4.8
E	3.0	3.2	3.2	.9								10.4	5.8
ESE	.7	1.0	.9	.2								3.5	5.7
SE		.2										.2	4.0
SSE	1.9	1.9	1.2	.2								5.1	5.3
S	2.6	2.0	1.2									6.5	4.4
SSW	.9	1.7	.7	.5								3.9	5.6
SW	.9	1.9	2.1									4.9	5.9
WSW	1.2	1.4	.2									2.8	3.7
W	.2	2.1	.2									2.6	4.6
WNW	2.1	2.2	.9									5.3	4.4
NW	3.9	3.2	1.9									9.0	4.2
NNW	3.2	3.2	4.8									9.5	4.9
VARBL													
CALM												9.3	
	29.7	37.1	21.3	2.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12004
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	2.7	.4									8.6	3.5
NNE	2.0	.0	.4									3.3	3.5
NE	4.9	1.0										6.6	2.6
ENE	1.6	.4										2.0	2.2
E	1.6	.0	.4									3.3	4.0
ESE	.8											.8	2.0
SE													
SSE	.4	.0	.4									1.6	5.0
S	1.6											1.6	2.5
SSW	.4	.4										.8	4.0
SW	1.6	1.6	.4									3.3	3.4
WSW	.8	.4										1.2	2.7
W	4.9	1.6										6.1	2.3
WNW	4.1	2.7	.4	.4								7.8	4.1
NW	2.9											2.9	2.1
NNW	2.0	1.6										3.3	3.0
VARBL													
CALM												46.7	
	34.8	14.0	2.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	7.0	1.0									11.7	4.3
NNE	1.0	1.0										2.9	4.3
NE	1.9	1.0										2.9	3.0
ENE	1.0											1.0	2.0
E													
ESE													
SE	1.0											1.0	2.0
SSE	1.0	1.0										2.9	4.0
S	2.9	1.0										3.9	2.3
SSW	1.0	1.0										1.9	3.0
SW	2.9											2.9	2.3
WSW	2.9	1.0										3.9	2.8
W	1.0											1.0	1.0
WNW	1.9	1.0										3.9	3.3
NW	1.9	1.0										2.9	3.0
NNW	2.9	2.0										5.8	3.2
VARBL													
CALM												51.5	
	26.2	21.4	1.0									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	6.4	4.0	.3								16.5	4.9
NNE	1.6	1.1	.9	.2								4.3	4.9
NE	1.7	1.3	.7	.0								3.7	4.3
ENE	1.3	1.0	.1	.0								3.0	4.7
E	1.4	1.4	6.0	.3								5.1	5.9
ESE	.8	1.3	.7	.1								3.1	5.2
SE	.2	.1	.3									.6	5.2
SSE	1.0	1.4	.7	.4								3.4	6.0
S	2.5	2.4	1.7	.3								6.9	5.3
SSW	.9	1.3	.5	.2								3.0	5.2
SW	.8	1.1	.7									2.7	4.8
WSW	.8	1.1	.5									2.4	4.5
W	.9	1.1	.1									2.1	3.8
WNW	1.4	1.4	1.0	.0								3.9	4.8
NW	1.7	1.3	1.3	.1								4.5	5.0
NNW	3.5	4.6	1.4	.1								9.2	4.4
VARBL													
CALM												25.4	
	26.4	28.1	17.3	2.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2320

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70,73-78
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	2.3	.3								9.6	5.0
NNE	1.9	2.1	1.4	.3	.0							5.8	5.3
NE	1.6	1.0	1.5	.3	.0							5.2	5.4
ENE	1.7	2.0	1.0	.5	.0		.0					6.0	5.9
E	2.2	2.1	2.5	.4	.0							7.8	5.7
ESE	1.6	1.2	1.0	.1	.0							4.2	4.9
SE	.7	.0	.3	.0	.0							1.7	4.5
SSE	1.5	1.7	1.6	.3	.0	.0						4.8	5.3
S	2.8	2.0	2.1	.5	.0							8.0	5.4
SSW	1.3	1.2	.7	.2	.0							2.3	4.9
SW	.9	.7	.5	.1	.0							2.4	5.1
WSW	1.3	1.4	.0	.1	.0							3.1	4.7
W	1.6	1.4	.0	.1	.0							3.6	4.5
WNW	1.2	1.4	.0	.1								3.0	4.6
NW	1.1	1.4	.0	.1	.0							2.8	4.8
NNW	1.9	2.1	1.1	.1	.0							5.2	4.7
VARBL													
CALM												23.6	
	26.7	27.2	18.8	3.5	.2	.0	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 29993

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12804 AVON PARK RANGE FLORIDA

68-70, 73-78

ALL

STATION

STATION NAME

YEARS

MONTH

INSTRUMENT

CLASS

ALL

NOV 68 (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	5.2	4.0	.4								14.3	5.2
NNE	1.5	1.2	.8	.3								3.8	5.2
NE	.7	.7	.9	.1								2.0	5.3
ENE	.7	1.0	.9	.1			.1					2.8	6.1
E	.6	.0	.8	.1								2.1	6.4
ESE	.8	.0	.6		.1							2.0	5.5
SE	.1	.6		.1								.3	6.2
SSE	.8	1.2	.7	.5								3.4	6.3
S	3.1	2.2	2.2	1.0	.1							9.3	5.9
SSW	1.2	1.0	1.6	.1	.1							4.5	5.7
SW	1.0	.7	.8	.1								2.9	5.1
WSW	1.5	1.2	.4	.3								3.6	4.6
W	2.0	1.2	.8									4.0	4.1
WNW	.9	.0	.4	.1								2.0	4.8
NW	.7	1.0	.8	.1	.1							2.8	5.8
NNW	3.0	1.7	1.6	.1								6.4	4.5
V. RBL													
CALM												33.7	
	23.1	22.6	17.3	3.4	.3		.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

1431

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 72, 75

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY, STAT. MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING ≥ 20000	71.1	70.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 18000	71.1	70.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 16000	71.1	70.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 14000	71.1	70.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	71.1	70.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	76.3	84.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	76.3	84.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	78.9	80.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	78.9	80.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	78.9	80.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	81.6	87.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	81.6	87.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥	84.2	92.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

38

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AYLON PARK RANGE FLORIDA

69-70276-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	45.7	51.1	57.1	57.1	57.1	62.9	62.9	62.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1600	48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1000	48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1200	48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1400	51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1600	51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1800	51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000	51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2200	51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2400	54.3	65.7	65.7	65.7	65.7	71.4	71.4	71.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2600	57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2800	57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3200	57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3400	60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3600	60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3800	60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4200	60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4400	60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4600	60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4800	60.0	74.3	77.1	77.1	77.1	82.9	82.9	82.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	62.9	77.1	80.0	80.0	80.0	85.7	85.7	85.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5200	62.9	77.1	80.0	80.0	80.0	85.7	85.7	85.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5400	62.9	77.1	80.0	80.0	80.0	85.7	88.6	88.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5600	62.9	77.1	80.0	80.0	80.0	85.7	88.6	88.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5800	62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3	97.1	97.1
≥ 6200	62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3	97.1	100.0
≥ 6400	62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3	97.1	100.0
≥ 6600	62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 35

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70/73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	.2	32.7	30.1	39.1	44.1	44.5	46.0	48.8	49.0	51.0	53.3	53.3	54.4	54.8	57.6	59.1
≥ 20000	.2	36.3	30.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	62.6
≥ 18000	.2	36.3	40.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	65.6
≥ 16000	.2	36.3	40.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	65.6
≥ 14000	.2	36.6	40.4	43.4	48.4	48.8	50.3	53.1	53.3	55.5	58.3	58.3	59.6	60.0	63.7	65.8
≥ 12000	.2	37.4	41.7	44.7	49.7	50.3	51.8	54.6	54.8	57.0	59.8	59.8	61.1	61.5	65.2	67.3
≥ 10000	.2	38.7	43.7	47.3	52.3	52.9	54.4	57.2	57.4	59.6	62.4	62.4	63.7	64.1	67.7	69.9
≥ 9000	.2	40.6	45.6	49.2	54.2	54.8	56.3	59.1	59.4	61.5	64.3	64.3	65.6	66.0	69.7	71.8
≥ 8000	.2	41.5	46.7	50.8	55.7	56.3	57.8	60.6	60.9	63.0	65.8	65.8	67.1	67.5	71.2	73.3
≥ 7000	.2	41.5	46.7	50.8	55.7	56.3	57.8	60.6	60.9	63.0	65.8	65.8	67.1	67.5	71.2	73.3
≥ 6000	.2	42.2	47.3	51.4	56.3	57.0	58.5	61.3	61.5	63.7	66.5	66.5	67.7	68.2	71.8	74.0
≥ 5000	.2	43.0	48.2	52.3	57.2	57.8	59.4	62.2	62.6	64.7	67.5	67.5	68.8	69.2	72.9	75.1
≥ 4500	.2	43.4	48.6	52.9	58.1	58.7	60.2	63.2	63.4	65.6	68.4	68.4	69.7	70.1	73.8	75.9
≥ 4000	.2	44.7	50.2	54.6	59.8	60.4	61.9	64.9	65.2	67.3	70.1	70.1	71.4	71.8	75.5	77.6
≥ 3500	.2	46.7	52.7	57.4	62.6	63.2	64.7	67.7	68.0	70.1	72.9	72.9	74.2	74.6	78.3	80.4
≥ 3000	.2	47.3	53.2	58.1	63.2	63.9	65.6	68.6	68.8	71.0	73.8	73.8	75.1	75.5	79.2	81.9
≥ 2500	.2	48.0	54.0	58.7	63.9	64.5	66.2	69.2	69.5	71.6	74.4	74.4	75.7	76.1	80.2	82.6
≥ 2000	.2	48.6	54.8	59.6	64.8	65.6	67.3	70.3	70.5	72.7	75.5	75.5	76.8	77.2	81.3	83.7
≥ 1800	.2	49.2	55.5	60.2	65.6	66.2	68.0	71.0	71.2	73.3	76.1	76.1	77.4	77.8	81.9	84.3
≥ 1500	.2	50.3	56.6	61.3	66.7	67.3	69.0	72.0	72.5	74.6	77.6	77.6	78.9	79.4	83.4	86.0
≥ 1200	.2	51.0	57.2	61.9	67.3	68.0	69.9	72.9	73.3	75.5	78.5	78.5	79.8	80.2	84.3	86.9
≥ 1000	.2	51.8	58.2	63.4	68.8	69.5	71.6	74.6	75.1	77.2	80.2	80.2	81.5	81.9	86.0	88.6
≥ 900	.2	52.7	59.1	64.3	69.7	70.3	72.5	75.5	75.9	78.1	81.1	81.1	82.4	82.8	86.9	89.5
≥ 800	.2	53.3	59.8	65.4	70.8	71.4	73.5	76.6	77.0	79.1	82.2	82.2	83.4	83.9	88.2	90.8
≥ 700	.2	53.3	59.8	65.4	70.8	71.4	73.5	76.6	77.0	79.1	82.2	82.2	83.4	83.9	88.2	90.8
≥ 600	.2	53.5	60.0	65.8	71.4	72.0	74.2	77.4	77.8	80.0	83.0	83.0	84.3	84.7	89.0	91.6
≥ 500	.2	54.0	60.4	66.2	72.0	72.7	75.1	78.7	79.1	81.3	84.3	84.3	85.6	86.0	90.3	94.0
≥ 400	.2	54.0	60.4	66.2	72.0	72.7	75.1	78.9	79.4	81.5	84.5	84.5	85.8	86.2	90.5	94.8
≥ 300	.2	54.0	60.4	66.2	72.0	72.7	75.3	79.1	79.6	81.7	84.7	84.7	86.1	86.5	90.8	95.0
≥ 200	.2	54.0	60.4	66.2	72.0	72.7	75.5	79.4	79.8	81.9	84.9	84.9	86.3	86.7	91.0	95.3
≥ 100	.2	54.0	60.4	66.5	72.5	73.1	75.9	79.8	80.2	82.4	85.4	85.4	86.8	87.2	91.5	95.8
≥ 0	.2	54.0	60.4	66.5	72.5	73.1	75.9	79.8	80.2	82.4	85.4	85.4	86.8	87.2	91.5	95.8

TOTAL NUMBER OF OBSERVATIONS 665

3
2
1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
1000	2.8	50.6	54.0	54.0	55.1	55.5	55.7	56.0	56.0	56.4	56.6	56.8	56.8	56.8	57.5	57.5	57.5
2 1800	3.4	54.3	58.3	58.9	59.6	60.0	60.2	60.6	60.6	60.9	61.3	61.5	61.5	61.7	62.5	62.6	62.6
2 1600	3.4	54.7	58.9	60.0	60.4	60.6	60.9	60.9	61.3	61.7	61.9	61.9	61.9	62.1	62.8	63.0	63.0
2 1400	3.4	54.7	58.9	60.0	60.4	60.6	60.9	60.9	61.3	61.7	61.9	61.9	61.9	62.1	62.8	63.0	63.0
2 1200	3.4	55.5	59.6	60.9	61.3	61.5	61.9	61.9	62.3	62.6	62.8	62.8	63.0	63.8	64.0	64.0	64.0
2 1000	3.4	57.5	60.2	61.9	63.2	63.6	63.8	64.3	64.3	64.7	65.1	65.3	65.3	65.5	66.2	66.4	66.4
2 800	3.4	59.8	62.5	64.2	65.5	65.8	66.0	66.6	66.6	67.0	67.4	67.5	67.5	67.7	68.5	68.7	68.7
2 600	3.4	61.5	64.2	65.8	67.2	67.5	67.7	68.3	68.3	68.7	69.1	69.2	69.2	69.4	70.2	70.4	70.4
2 400	3.6	62.5	65.3	67.2	68.5	68.9	69.1	69.6	69.6	70.0	70.4	70.6	70.6	70.8	71.5	71.7	71.7
2 200	3.6	62.8	65.7	67.5	68.9	69.2	69.4	70.0	70.0	70.4	70.8	70.9	70.9	71.1	71.9	72.1	72.1
2 100	3.6	63.3	66.3	68.4	70.4	71.7	72.3	72.5	73.0	73.0	73.4	73.8	74.0	74.0	74.2	74.9	75.1
2 50	3.6	66.0	69.1	71.1	72.6	73.2	73.4	74.0	74.0	74.3	74.7	74.9	75.1	75.1	75.8	76.0	76.0
2 0	3.6	66.8	69.8	71.9	73.4	74.0	74.2	74.7	74.7	75.1	75.5	75.7	75.7	75.8	76.6	76.8	76.8
2 0	3.6	67.5	70.8	72.8	74.3	74.9	75.1	75.7	75.7	76.0	76.4	76.6	76.6	76.8	77.5	77.7	77.7
2 0	3.6	68.1	71.3	73.4	74.9	75.5	75.7	76.2	76.2	76.6	77.0	77.2	77.2	77.4	78.1	78.3	78.3
2 0	3.6	69.8	73.0	75.1	76.6	77.4	77.7	78.3	78.3	78.7	79.1	79.2	79.2	79.4	80.4	80.6	80.6
2 0	3.6	70.2	73.4	75.7	77.4	77.9	78.3	78.9	78.9	79.3	79.6	79.8	79.8	80.0	80.9	81.1	81.1
2 0	3.6	70.9	74.2	76.6	78.5	79.1	79.4	80.0	80.0	80.6	80.9	81.1	81.1	81.3	82.3	82.5	82.5
2 0	3.6	72.1	75.3	77.7	79.6	80.2	80.6	81.1	81.1	81.7	82.1	82.3	82.3	82.5	83.4	83.6	83.6
2 0	3.6	73.6	77.0	79.4	81.3	81.9	82.3	82.8	82.8	83.4	83.8	84.0	84.0	84.2	85.1	85.3	85.3
2 0	3.6	74.7	78.1	80.6	83.0	83.6	84.0	84.5	84.5	85.1	85.5	85.7	85.7	85.8	86.8	87.0	87.0
2 0	3.6	76.2	79.6	82.3	84.7	85.3	85.7	86.2	86.2	86.8	87.2	87.4	87.4	87.5	88.5	88.7	88.7
2 0	3.6	76.4	80.0	82.6	85.3	85.8	86.2	86.8	86.8	87.4	87.7	87.9	87.9	88.1	89.1	89.2	89.2
2 0	3.6	77.5	81.3	84.2	86.8	87.4	87.9	88.5	88.5	89.1	89.4	89.6	89.6	89.8	90.8	91.1	91.1
2 0	3.6	78.1	82.1	85.3	87.9	88.5	89.2	89.8	89.8	90.4	90.8	90.9	91.3	91.5	92.6	93.0	93.0
2 0	3.6	78.5	82.9	86.8	89.4	90.0	90.9	91.5	91.5	92.1	92.5	92.6	93.0	93.2	94.3	94.7	94.7
2 0	3.6	79.1	83.2	87.4	90.2	90.9	92.1	92.8	92.8	93.4	94.0	94.2	94.5	94.9	96.0	96.6	96.6
2 0	3.6	79.2	83.6	88.3	91.1	91.9	93.2	94.2	94.2	94.7	95.3	95.3	95.8	96.2	97.4	98.1	98.1
2 0	3.6	79.2	84.0	88.5	91.3	92.1	93.6	94.5	94.5	95.5	96.0	96.2	96.6	97.2	98.5	99.2	99.2
2 0	3.6	79.2	84.0	88.5	91.3	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	98.7	99.4	99.4
2 0	3.6	79.2	84.0	88.5	91.3	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	98.7	99.4	99.4
2 0	3.6	79.2	84.0	88.5	91.3	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 530

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

69-70, 73-78

JAN

~~1200-1400~~

TOTAL NUMBER OF OBSERVATIONS _____ 514

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70-73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
20000	6.8	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
18000	6.3	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
16000	6.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
14000	6.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
12000	6.3	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
10000	6.3	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
8000	6.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
6000	6.9	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
4000	7.1	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
2000	7.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
1000	7.1	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
500	7.1	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
200	7.1	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
100	7.1	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
50	7.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
20	7.5	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
10	7.5	94.1	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
5	7.5	94.6	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2	7.5	95.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1	7.5	95.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
0.5	7.5	95.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
0.2	7.5	97.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.1	7.5	97.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0.05	7.5	97.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.02	7.5	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.01	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.005	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.002	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.001	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0005	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0002	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0001	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00005	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00002	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.00001	7.5	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 478

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE, FLORIDA

69-70, 73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	24	24	24	22	22	21	21	21	24	24	2	2510	24	20
NO CEILING 20000	1.8	63.9	64.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
18000	2.2	73.5	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
14000	3.2	73.5	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
12000	3.2	74.4	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
10000	3.2	74.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
8000	3.7	80.8	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
6000	3.7	82.6	84.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
4000	3.7	85.4	87.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
3000	3.7	87.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2000	4.1	90.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1800	4.1	91.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1600	4.1	92.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1400	4.1	93.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1000	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
800	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
600	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
400	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
200	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
100	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
50	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
25	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
10	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
5	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1	4.1	94.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 72-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM FOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING		72.1	72.7	77.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000		79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000		79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000		79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000		79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000		82.0	82.9	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000		83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000		83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000		83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000		84.7	88.3	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000		87.4	91.0	92.8	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500		89.2	92.8	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000		90.1	93.7	95.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500		91.0	94.6	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000		91.0	94.6	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500		91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000		91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800		91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500		91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0		92.8	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70.73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. CEILING	2.2	52.1	52.8	55.1	56.3	56.5	56.9	57.5	57.6	58.1	58.6	58.6	58.8	58.9	59.6	59.9
≥ 20000	3.3	59.3	61.3	62.6	63.8	64.0	64.4	65.1	65.1	65.6	66.3	66.3	66.6	66.7	67.6	68.0
≥ 18000	3.3	59.6	61.5	62.8	64.1	64.3	64.7	65.3	65.4	65.9	66.5	66.6	66.9	67.0	67.8	68.3
≥ 16000	3.3	59.7	61.6	62.9	64.2	64.4	64.8	65.4	65.4	66.0	66.6	66.7	66.9	67.0	67.9	68.4
≥ 14000	3.3	60.4	62.3	63.6	64.9	65.1	65.5	66.2	66.2	66.7	67.4	67.4	67.7	67.8	68.7	69.1
≥ 12000	3.3	62.0	64.1	65.4	66.7	66.9	67.3	68.0	68.0	68.6	69.2	69.2	69.5	69.6	70.5	71.0
≥ 10000	3.5	63.6	65.8	67.2	68.5	68.7	69.2	69.8	69.9	70.4	71.0	71.1	71.3	71.5	72.3	72.8
≥ 9000	3.5	65.5	67.7	69.2	70.5	70.7	71.1	71.8	71.8	72.3	73.0	73.0	73.3	73.4	74.3	74.7
≥ 8000	3.6	66.9	69.2	70.8	72.1	72.3	72.7	73.4	73.4	74.0	74.6	74.6	74.9	75.0	75.9	76.4
≥ 7000	3.6	68.5	70.9	72.5	73.8	74.0	74.4	75.1	75.1	75.7	76.3	76.4	76.6	76.7	77.6	78.1
≥ 6000	3.6	70.5	73.0	74.7	76.0	76.2	76.7	77.3	77.4	77.9	78.5	78.6	78.8	79.0	79.8	80.3
≥ 5000	3.6	72.0	74.6	76.3	77.7	77.9	78.4	79.1	79.1	79.7	80.3	80.3	80.6	80.7	81.6	82.1
≥ 4500	3.7	73.0	75.6	77.4	78.8	79.0	79.5	80.2	80.2	80.8	81.4	81.4	81.7	81.8	82.7	83.1
≥ 4000	3.7	74.0	76.7	78.5	79.9	80.1	80.5	81.3	81.3	81.8	82.5	82.5	82.8	82.9	83.8	84.2
≥ 3500	3.7	75.2	78.0	79.8	81.3	81.5	81.9	82.6	82.7	83.2	83.8	83.9	84.1	84.3	85.1	85.6
≥ 3000	3.8	76.7	79.6	81.5	83.0	83.2	83.7	84.4	84.5	85.0	85.6	85.7	85.9	86.1	87.1	87.6
≥ 2500	4.0	78.1	81.2	83.0	84.5	84.8	85.3	86.0	86.0	86.6	87.2	87.2	87.5	87.5	88.6	89.1
≥ 2000	4.1	78.7	81.7	83.7	85.3	85.6	86.1	86.8	86.8	87.4	88.0	88.1	88.3	88.3	89.5	90.0
≥ 1800	4.1	79.5	82.6	84.5	86.1	86.3	86.8	87.5	87.6	88.2	88.8	88.8	89.1	89.2	90.2	90.7
≥ 1600	4.1	80.1	83.2	85.3	86.9	87.2	87.7	88.4	88.5	89.0	89.7	89.7	90.0	90.1	91.1	91.7
≥ 1400	4.1	80.7	83.8	85.9	87.5	87.9	88.5	89.2	89.2	89.8	90.5	90.5	90.8	90.9	91.9	92.5
≥ 1200	4.1	81.3	84.4	87.0	88.6	89.0	89.7	90.4	90.5	91.0	91.7	91.8	92.0	92.1	93.1	93.7
≥ 1000	4.1	81.9	85.2	87.4	89.3	89.5	90.2	90.9	91.0	91.5	92.2	92.3	92.5	92.6	93.6	94.2
≥ 900	4.1	82.5	85.8	88.4	90.2	90.5	91.2	92.0	92.1	92.6	93.3	93.3	93.6	93.7	94.8	95.4
≥ 800	4.1	82.7	86.0	88.7	90.6	90.8	91.6	92.3	92.4	93.0	93.7	93.7	94.1	94.2	95.3	95.9
≥ 700	4.1	82.9	86.6	89.3	91.2	91.5	92.3	93.1	93.2	93.8	94.5	94.5	94.9	95.0	96.1	96.7
≥ 600	4.1	83.2	86.9	89.6	91.7	92.0	92.9	93.8	93.9	94.5	95.2	95.3	95.6	95.8	96.9	97.7
≥ 500	4.1	83.3	87.1	89.5	92.1	92.4	93.4	94.4	94.5	95.1	95.8	95.9	96.3	96.5	97.6	98.5
≥ 400	4.1	83.3	87.1	89.9	92.1	92.5	93.6	94.6	94.7	95.4	96.1	96.2	96.7	96.9	98.2	99.2
≥ 300	4.1	83.3	87.1	89.9	92.2	92.6	93.6	94.7	94.8	95.4	96.2	96.2	96.7	97.1	98.5	99.5
≥ 200	4.1	83.3	87.1	90.0	92.3	92.6	93.7	94.8	94.9	95.5	96.2	96.3	96.8	97.2	98.7	99.9
≥ 100	4.1	83.3	87.1	90.0	92.3	92.6	93.7	94.8	94.9	95.5	96.2	96.3	96.8	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2390

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-74

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	54.3	71.0	84.0	84.0	85.2	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 20000	55.6	79.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000	55.6	79.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	55.6	79.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	55.6	79.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000	56.8	80.2	86.4	86.4	87.7	90.1	90.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000	60.5	84.0	90.1	90.1	91.4	93.8	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000	60.5	84.0	90.1	90.1	91.4	93.8	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000	63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000	63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 5000	63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 81

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,75-78

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	35.7	41.1	46.4	48.2	51.8	51.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥18000	37.5	44.0	50.0	51.8	53.4	53.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥16000	37.5	44.0	50.0	51.8	53.4	53.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥14000	37.5	44.0	50.0	51.8	53.4	53.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥12000	37.5	44.0	50.0	51.8	53.4	53.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥10000	37.5	44.0	53.6	53.6	53.6	58.9	58.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥8000	39.3	50.0	53.6	57.1	60.7	60.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥6000	42.9	52.4	62.5	64.3	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥5000	42.9	52.4	62.5	64.3	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥4500	42.9	52.4	62.5	66.1	69.6	69.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥4000	42.9	52.4	62.5	66.1	69.6	69.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥3500	44.6	57.1	64.3	67.9	71.4	71.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥3000	46.4	58.9	66.1	69.6	73.2	73.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥2500	48.2	60.7	67.9	71.4	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥2000	48.2	60.7	67.9	71.4	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥1800	50.0	62.5	69.6	73.2	76.8	76.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥1600	50.0	62.5	69.6	73.2	76.8	76.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥1400	51.8	64.3	71.4	75.0	78.6	78.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥1200	53.6	66.1	75.0	78.6	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥1000	53.6	66.1	75.0	78.6	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥800	55.4	67.9	78.6	82.1	85.7	85.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥600	57.1	69.6	80.4	83.9	87.5	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥400	57.1	69.6	80.4	83.9	87.5	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥200	57.1	69.6	80.4	83.9	87.5	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥100	57.1	69.6	80.4	83.9	87.5	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥50	57.1	69.6	80.4	83.9	87.5	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥30	58.9	71.4	82.1	85.7	92.9	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥20	58.9	71.4	82.1	85.7	92.9	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥10	58.9	71.4	82.1	85.7	92.9	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥5	58.9	71.4	82.1	85.7	92.9	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 56

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-0800

FLOOR FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 0
NO CEILING	.9	35.8	40.2	44.7	47.8	48.0	49.6	50.1	50.1	50.6	51.8	51.8	52.2	52.2	52.7	53.9	
≥ 2000	.9	38.4	44.8	47.3	50.4	50.6	52.2	52.9	52.9	53.4	54.6	54.6	55.1	55.1	56.2	57.4	
≥ 1800	.9	38.8	45.3	47.8	50.8	51.1	52.7	53.4	53.4	53.9	55.1	55.1	55.5	55.5	56.7	57.9	
≥ 1600	.9	39.1	45.7	48.0	51.1	51.3	52.9	53.6	53.6	54.1	55.3	55.3	55.8	55.8	56.9	58.1	
≥ 1400	.9	39.5	46.0	48.5	51.5	51.8	53.4	54.1	54.1	54.6	55.8	55.8	56.2	56.2	57.4	58.6	
≥ 1200	.9	39.8	46.3	49.4	52.5	52.7	54.4	55.1	55.1	55.5	56.9	56.9	57.4	57.4	58.6	59.8	
≥ 1000	.9	43.5	48.5	53.6	56.9	57.2	58.8	59.5	59.5	60.0	61.4	61.4	61.9	61.9	63.1	64.2	
≥ 800	.9	44.7	49.9	54.8	58.1	58.4	60.2	60.9	60.9	61.4	62.8	62.8	63.3	63.3	64.5	65.6	
≥ 600	.9	45.6	50.6	55.8	59.5	59.8	61.6	62.6	62.6	63.1	64.5	64.5	64.9	64.9	66.1	67.3	
≥ 400	.9	45.9	50.9	56.0	60.2	60.5	62.4	63.3	63.3	63.8	65.2	65.2	65.6	65.6	66.8	68.0	
≥ 200	.9	46.4	51.3	56.5	60.9	61.2	63.1	64.0	64.0	64.5	65.9	65.9	66.4	66.4	67.5	68.7	
≥ 100	.9	47.3	52.7	58.1	62.6	62.8	64.7	65.6	65.6	66.1	67.5	67.5	68.5	68.5	69.6	70.8	
≥ 50	.9	47.5	52.9	58.4	62.8	63.1	64.9	65.9	65.9	66.4	67.8	67.8	68.7	68.7	69.9	71.1	
≥ 25	.9	50.6	56.2	62.1	66.8	67.1	68.9	69.9	69.9	70.4	71.8	71.8	72.7	72.7	73.9	75.1	
≥ 10	.9	50.8	56.7	63.1	67.8	68.0	69.9	70.8	70.8	71.3	72.7	72.7	73.6	73.6	74.8	76.0	
≥ 5	.9	52.7	59.1	65.9	71.1	71.3	73.2	74.1	74.1	74.6	76.0	76.0	76.9	76.9	78.1	79.3	
≥ 2	.9	55.1	61.9	68.7	73.9	74.1	76.0	76.9	76.9	77.4	78.8	78.8	79.8	79.8	81.0	82.2	
≥ 1	.9	55.5	62.6	69.6	75.3	75.5	77.4	78.6	78.6	79.3	80.7	80.9	81.9	81.9	83.1	84.3	
≥ 1/2	.9	55.5	62.6	69.6	75.3	75.5	77.4	78.6	78.6	79.3	80.7	80.9	81.9	81.9	83.1	84.3	
≥ 1/4	.9	56.2	63.8	71.3	77.2	77.4	79.5	80.7	80.7	81.4	82.8	83.1	84.0	84.0	85.2	86.4	
≥ 1/8	.9	57.2	64.9	72.9	78.8	79.1	81.2	82.4	82.4	83.1	84.5	84.7	85.6	85.6	86.8	88.0	
≥ 1/16	.9	57.2	65.2	73.4	79.3	79.5	81.6	83.1	83.1	83.8	85.2	85.4	86.4	86.4	87.6	88.8	
≥ 1/32	.9	57.6	66.1	74.4	80.5	80.7	82.8	84.2	84.2	84.9	86.4	86.6	87.5	87.5	88.7	90.0	
≥ 1/64	.9	57.9	66.4	74.6	81.2	81.4	83.5	84.9	84.9	85.6	87.1	87.3	88.2	88.2	89.4	90.6	
≥ 1/128	.9	57.9	66.8	75.1	81.6	81.9	84.0	85.4	85.4	86.1	87.5	87.8	88.7	88.7	90.0	91.2	
≥ 1/256	.9	58.4	67.3	75.5	82.1	82.4	84.5	86.8	86.8	87.1	88.5	88.9	89.9	89.9	91.1	92.3	
≥ 1/512	.9	58.4	67.5	75.8	82.4	82.6	84.7	86.8	87.1	87.8	89.2	89.6	90.6	90.6	91.8	93.0	
≥ 1/1024	.9	58.4	67.5	75.8	82.5	83.8	86.1	88.2	88.5	89.2	91.1	91.3	92.7	92.9	94.6	96.0	
≥ 1/2048	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.2	95.1	96.7	
≥ 1/4096	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.4	95.5	97.5	
≥ 1/8192	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.4	95.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

09-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	4.0	51.8	52.4	56.2	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 20000	4.2	55.0	59.0	59.8	60.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 18000	4.2	56.2	60.3	61.1	61.7	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8
≥ 16000	4.2	56.9	60.9	61.7	62.4	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
≥ 14000	4.2	57.9	61.9	63.0	63.6	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 12000	4.2	60.7	64.7	65.8	66.4	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 10000	4.4	65.1	69.3	70.8	71.5	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
≥ 8000	4.4	65.8	70.0	71.5	72.1	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.2
≥ 6000	4.7	68.7	72.9	74.4	75.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 4000	4.7	69.6	73.8	75.3	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 3000	4.7	71.5	73.7	77.4	78.0	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
≥ 2000	5.1	72.9	77.2	78.9	79.5	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 1500	5.1	72.9	77.2	78.9	79.5	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 1000	5.1	74.8	79.3	80.8	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.5
≥ 800	5.1	74.8	79.3	81.0	81.6	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 600	5.1	76.1	80.8	82.5	83.2	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
≥ 400	5.3	77.4	82.0	83.7	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8
≥ 300	5.3	78.4	83.1	85.0	85.8	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
≥ 200	5.3	78.9	83.5	85.4	86.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 150	5.3	80.5	85.2	87.3	88.2	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
≥ 100	5.3	81.8	86.9	89.0	89.9	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
≥ 80	5.3	82.2	87.9	90.3	91.3	91.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2
≥ 60	5.3	82.5	88.2	90.7	91.5	92.0	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
≥ 40	5.3	82.7	88.8	91.5	92.8	93.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1
≥ 30	5.3	83.1	89.6	92.6	94.1	94.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6
≥ 20	5.3	83.1	89.6	92.8	94.5	94.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0
≥ 10	5.3	83.1	89.9	93.0	94.7	95.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.3
≥ 5	5.3	83.5	90.2	93.4	95.2	95.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.3
≥ 3	5.3	83.5	90.2	93.4	95.3	96.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.9
≥ 2	5.3	83.5	90.2	93.4	95.3	96.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	99.6
≥ 1	5.3	83.5	90.3	93.4	95.3	96.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	5.3	55.4	59.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2000	7.9	65.7	69.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	7.9	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1600	7.9	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1400	7.9	68.4	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1200	8.1	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1000	8.5	77.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	9.0	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 800	9.0	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 700	9.0	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 600	9.0	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 500	9.2	85.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 450	9.2	86.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 400	9.4	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 350	9.4	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	9.8	91.9	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 250	10.0	92.3	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	10.0	93.4	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 180	10.0	94.5	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 150	10.0	95.3	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	10.0	95.7	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 50	10.0	96.6	98.1	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 30	10.0	97.0	98.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	10.0	97.0	98.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/2	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/4	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/8	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/16	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/32	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/64	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/128	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/256	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/512	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE, FLORIDA

69-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	6.0	56.9	57.0	58.0	58.0	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1000	8.3	64.7	65.6	65.8	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 900	8.3	66.1	67.0	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 800	8.3	68.3	69.2	69.4	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 700	8.3	72.8	73.7	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 600	9.2	76.3	77.2	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 500	9.2	77.9	78.8	79.0	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 400	9.2	81.0	81.9	82.1	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 300	9.2	84.2	85.0	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 200	9.2	86.6	87.5	87.7	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 100	9.2	88.2	89.1	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 50	9.2	89.1	90.0	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 25	9.2	90.6	91.5	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 15	9.2	92.6	93.5	94.4	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 10	9.4	94.0	95.3	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5	9.4	94.6	96.0	96.9	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3	9.4	94.9	96.4	97.1	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2	9.4	94.9	96.2	97.1	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1	9.4	94.9	96.2	97.1	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0.5	9.4	95.1	96.4	97.3	97.5	97.5	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0.25	9.4	95.8	97.1	98.0	98.2	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0.15	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.1	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.05	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.025	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.015	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.01	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.005	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.0025	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.0015	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.001	9.4	96.4	97.8	98.7	98.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 448

CEILING VERSUS VISIBILITY

69-70, 73-78

上 上 上

1800-2000

TOTAL NUMBER OF OBSERVATIONS 251

USAF ETAC 0-14.5 (OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	77.8	83.3	83.3	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥2000	79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1800	79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1600	79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1400	79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1200	80.2	85.7	85.7	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥1000	82.5	88.1	88.1	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥900	84.1	89.7	89.7	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥800	85.7	91.3	91.3	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥700	86.5	92.1	92.1	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥600	87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥500	87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥450	87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥400	88.1	93.7	93.7	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥350	88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥300	88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥250	88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥200	89.7	96.0	96.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥180	89.7	96.0	96.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥160	89.7	96.0	96.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥140	89.7	96.0	96.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥120	89.7	96.0	96.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥100	89.7	96.0	96.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥90	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥80	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥70	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥60	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥40	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥30	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥20	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥10	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥	90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 126

1
2
3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70-73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	3.4	53.1	52.4	57.8	58.6	58.9	59.5	59.7	59.7	59.8	60.0	60.0	60.1	60.1	60.2	60.5
18000	4.5	58.8	62.2	63.6	64.4	64.7	65.4	65.6	65.7	65.7	66.0	66.0	66.0	66.0	66.3	66.5
16000	4.5	59.5	62.9	64.3	65.1	65.5	66.1	66.3	66.4	66.5	66.7	66.7	66.8	66.8	67.0	67.2
14000	4.5	59.7	62.2	64.5	65.3	65.7	66.3	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.2	67.5
12000	4.5	60.9	64.4	65.8	66.6	66.9	67.6	67.8	67.8	67.9	68.1	68.1	68.2	68.2	68.4	68.7
10000	4.6	64.0	67.5	69.0	69.9	70.2	70.8	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.7	72.0
8000	4.9	67.5	71.2	72.8	73.7	74.0	74.7	74.9	74.9	75.0	75.3	75.3	75.4	75.4	75.6	75.8
6000	4.9	68.5	72.2	73.8	74.7	75.0	75.7	75.9	76.0	76.0	76.3	76.3	76.4	76.4	76.6	76.9
4000	5.0	71.3	75.0	76.6	77.6	77.9	78.6	78.9	78.9	79.0	79.3	79.3	79.3	79.3	79.6	79.8
2000	5.0	72.7	76.4	78.1	79.1	79.4	80.1	80.4	80.4	80.5	80.8	80.8	80.9	80.9	81.1	81.3
0000	5.0	74.1	77.8	79.5	80.6	80.9	81.6	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.6	82.8
MAX	5.1	75.2	79.0	80.8	81.9	82.2	83.0	83.2	83.3	83.3	83.6	83.6	83.8	83.8	84.0	84.2
4500	5.1	75.8	79.6	81.4	82.5	82.8	83.5	83.8	83.8	83.9	84.2	84.2	84.3	84.3	84.5	84.8
4000	5.2	77.6	81.4	83.3	84.5	84.8	85.5	85.7	85.8	85.9	86.1	86.1	86.3	86.3	86.5	86.8
3500	5.2	78.4	82.4	84.5	85.7	86.0	86.7	86.9	87.0	87.1	87.3	87.3	87.5	87.5	87.7	88.0
3000	5.3	79.8	83.7	86.1	87.5	87.8	88.5	88.8	88.8	88.9	89.2	89.2	89.4	89.4	89.7	89.9
2500	5.4	80.8	85.0	87.2	88.7	89.1	89.8	90.0	90.1	90.2	90.4	90.4	90.6	90.6	90.9	91.2
2000	5.4	81.6	86.0	88.3	89.8	90.2	90.9	91.2	91.2	91.4	91.6	91.6	91.8	91.8	92.1	92.4
1800	5.4	81.9	86.3	88.6	90.2	90.5	91.3	91.6	91.6	91.8	92.0	92.1	92.2	92.3	92.5	92.8
1600	5.4	82.6	87.1	89.6	91.2	91.5	92.4	92.7	92.7	92.9	93.1	93.2	93.3	93.4	93.6	93.9
1400	5.4	83.2	87.8	90.4	92.0	92.4	93.3	93.6	93.7	93.8	94.1	94.2	94.3	94.4	94.6	94.9
1200	5.4	83.7	88.6	91.3	93.0	93.4	94.3	94.7	94.7	94.8	95.1	95.2	95.4	95.4	95.7	96.0
1000	5.4	84.1	89.2	92.0	93.6	94.1	95.0	95.4	95.4	95.6	95.9	95.9	96.1	96.1	96.4	96.7
800	5.4	84.2	89.4	92.2	94.0	94.5	95.5	95.9	95.9	96.0	96.4	96.4	96.6	96.6	96.9	97.2
700	5.4	84.3	89.7	92.6	94.5	94.9	95.9	96.4	96.4	96.5	96.8	96.9	97.0	97.1	97.3	97.6
600	5.4	84.4	89.7	92.7	94.6	95.1	96.1	96.7	96.7	96.8	97.2	97.2	97.4	97.4	97.7	98.0
500	5.4	84.4	89.8	92.8	94.7	95.2	96.2	96.8	96.9	97.0	97.4	97.4	97.6	97.6	97.9	98.3
400	5.4	84.5	90.0	92.9	95.1	95.6	96.7	97.3	97.3	97.5	97.9	98.0	98.2	98.3	98.6	98.9
300	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.3	98.5	98.8	99.1
200	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.5	98.9	99.6
100	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.5	99.0	99.9
0	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2329

2

2

1

1

4

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1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

09-70-7-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500

CEILING FEET	VISIBILITY STATISTICAL TABLE															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
1000	1.4	47.8	53.0	56.5	56.5	56.5	59.4	60.9	60.9	60.9	62.3	62.3	62.3	62.3	62.3	66.7
900	1.4	47.8	53.0	58.0	58.0	58.0	60.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	68.1
800	1.4	47.8	53.0	58.0	58.0	58.0	60.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	68.1
700	1.4	47.8	53.0	58.0	58.0	58.0	60.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	68.1
600	1.4	49.3	59.5	59.4	59.4	59.4	62.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	69.6
500	1.4	53.6	60.9	62.8	63.8	62.8	66.7	68.1	68.1	68.1	69.6	69.6	69.6	69.6	69.6	73.9
400	1.4	55.1	62.3	65.2	65.2	65.2	68.1	69.6	69.6	69.6	71.0	71.0	71.0	71.0	71.0	75.4
300	1.4	55.1	62.3	65.2	65.2	65.2	68.1	69.6	69.6	69.6	71.0	71.0	71.0	71.0	71.0	75.4
200	1.4	56.5	62.8	66.7	66.7	66.7	69.6	71.0	71.0	71.0	72.5	72.5	72.5	72.5	72.5	76.8
100	1.4	58.0	62.8	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	73.9	78.3
50	1.4	58.0	62.8	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	73.9	78.3
25	1.4	58.0	62.8	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	73.9	78.3
10	1.4	58.0	62.8	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	73.9	78.3
5	1.4	59.4	69.6	69.6	69.6	69.6	72.5	73.9	73.9	73.9	75.4	75.4	75.4	75.4	75.4	79.7
2	1.4	59.4	69.6	71.0	71.0	71.0	73.9	75.4	75.4	75.4	76.8	76.8	76.8	76.8	76.8	81.2
1	1.4	60.9	69.6	72.5	72.5	72.5	75.4	76.8	76.8	76.8	78.3	78.3	78.3	78.3	78.3	82.6
0.5	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.25	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.1	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.05	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.025	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.01	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.005	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.0025	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.001	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.0005	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.00025	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.0001	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.00005	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.000025	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5
0.00001	1.4	62.3	71.0	73.9	73.9	73.9	75.4	76.8	76.8	76.8	79.7	79.7	79.7	79.7	79.7	85.5

TOTAL NUMBER OF OBSERVATIONS 69

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1.0	1.3	39.2	44.8	49.6	51.3	51.5	52.7	52.9	52.9	53.3	53.8	53.8	55.2	55.6	57.2	57.7
1.5	1.2	43.8	47.8	54.6	56.5	56.7	57.9	58.1	58.1	58.5	59.0	59.0	60.4	60.8	62.5	62.9
2.0	1.3	43.8	47.8	54.6	56.5	56.7	57.9	58.1	58.1	58.5	59.0	59.0	60.4	60.8	62.5	62.9
2.5	1.3	44.2	50.2	55.0	56.9	57.1	58.3	58.5	58.5	59.0	59.4	59.4	60.8	61.3	62.9	63.3
3.0	1.1	44.2	51.5	56.5	58.8	59.2	60.4	60.5	60.6	61.0	61.5	61.5	62.9	63.3	65.0	65.4
3.5	1.2	45.5	52.9	57.9	60.6	61.0	62.5	62.7	62.7	63.1	63.5	63.5	65.0	65.4	67.1	67.5
4.0	1.3	49.0	55.4	60.6	63.3	63.8	65.2	65.4	65.4	66.0	66.5	66.5	67.9	68.3	70.0	70.4
4.5	1.2	49.0	55.4	60.6	63.3	63.8	65.2	65.4	65.4	66.0	66.5	66.5	67.9	68.3	70.0	70.4
5.0	1.3	49.8	56.5	61.7	64.4	64.8	66.3	66.5	66.5	67.1	67.5	67.5	69.0	69.4	71.0	71.5
5.5	1.3	50.8	57.2	62.7	65.4	65.8	67.3	67.5	67.5	68.1	68.5	68.5	70.0	70.4	72.1	72.5
6.0	1.3	52.1	58.6	64.0	66.7	67.1	68.5	68.8	68.8	69.4	69.8	69.8	71.3	71.7	73.3	73.8
6.5	1.3	53.1	59.8	65.0	67.7	68.1	69.6	69.8	69.8	70.4	70.8	70.8	72.3	72.7	74.4	74.8
7.0	1.5	54.8	61.7	66.9	69.6	70.0	71.5	71.7	71.7	72.3	72.7	72.7	74.2	74.6	76.3	76.7
7.5	1.5	56.3	63.3	68.8	71.5	71.9	73.3	73.5	73.5	74.2	74.6	74.6	76.0	76.5	78.1	78.5
8.0	1.5	56.5	63.8	69.2	71.9	72.3	73.8	74.0	74.0	74.6	75.0	75.0	76.5	76.9	78.5	79.0
8.5	1.5	56.7	64.2	69.6	72.3	72.7	74.2	74.4	74.4	75.0	75.4	75.4	76.9	77.3	79.0	79.4
9.0	1.5	57.1	64.6	70.2	72.9	73.3	74.8	75.0	75.0	75.6	76.0	76.0	77.5	77.9	79.6	80.0
9.5	1.5	57.7	65.8	71.3	74.0	74.4	75.8	76.0	76.0	76.7	77.1	77.1	78.5	79.0	80.6	81.0
10.0	1.5	58.1	66.3	71.9	74.6	75.0	76.5	76.7	76.7	77.3	77.7	77.7	79.2	79.6	81.3	81.7
10.5	1.5	59.6	67.7	73.5	76.9	77.3	79.2	79.4	79.4	80.0	80.4	80.4	81.9	82.3	84.0	84.4
11.0	1.5	60.0	69.3	74.4	77.7	78.1	80.0	80.2	80.2	80.8	81.2	81.2	82.7	83.1	84.8	85.2
11.5	1.5	61.9	70.4	76.9	80.2	80.8	82.7	82.9	82.9	83.5	84.0	84.0	85.4	85.8	87.5	87.9
12.0	1.5	61.9	70.4	76.9	80.2	80.8	82.7	83.1	83.1	83.8	84.2	84.2	85.6	86.0	87.7	88.3
12.5	1.5	62.1	71.0	77.5	80.8	81.5	83.5	84.0	84.0	84.6	85.0	85.0	86.7	87.1	88.8	89.4
13.0	1.5	62.3	71.3	77.7	81.0	81.7	83.8	84.6	84.6	85.4	85.8	85.8	87.5	87.9	89.6	90.6
13.5	1.5	62.3	71.3	77.7	81.5	82.1	84.4	85.4	85.4	86.2	86.9	86.9	88.5	89.0	90.6	91.7
14.0	1.5	62.5	71.5	77.9	81.9	82.5	84.8	86.3	86.3	87.1	87.9	87.9	89.6	90.0	91.9	93.5
14.5	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	88.8	89.8	89.8	91.9	92.3	94.4	97.1
15.0	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	92.9	95.0	98.3
15.5	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	99.4
16.0	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	99.8
16.5	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	10
20000	3.3	57.5	59.7	59.8	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
18000	2.9	63.5	62.9	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
16000	3.4	63.9	60.0	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
14000	3.4	64.1	60.2	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
12000	3.4	64.9	61.6	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
10000	3.4	68.0	70.8	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
9000	3.6	69.7	72.6	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
8000	3.6	70.5	72.4	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
7000	3.8	71.4	74.3	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
6000	3.8	72.0	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
5000	3.8	74.9	77.8	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
4500	3.8	76.1	79.0	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
4000	3.8	77.6	80.7	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3500	6.0	79.5	82.6	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3000	6.0	79.9	83.0	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2500	6.0	80.7	83.8	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2000	6.0	81.5	84.6	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
1800	6.2	82.8	85.9	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1500	6.6	84.4	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1200	6.6	86.1	89.4	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1000	6.6	87.3	90.7	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
900	6.6	88.2	92.1	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	6.6	88.6	92.7	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
700	6.6	88.5	93.1	94.6	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
600	6.6	89.2	93.6	95.4	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
500	6.6	89.6	94.2	96.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
400	6.6	89.8	94.8	96.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
300	6.6	89.8	94.8	96.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
200	6.6	90.0	95.0	96.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	6.6	90.0	95.0	96.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	6.6	90.0	95.0	96.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 518

2

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY - STATUTE MILES														
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10
100	5.1	56.3	58.5	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
200	8.2	66.8	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
300	8.3	67.0	67.2	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
400	8.3	67.0	67.2	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
500	8.3	68.2	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
600	8.5	71.1	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
700	8.5	73.9	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
800	8.9	75.1	75.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
900	8.9	78.5	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
1000	8.9	79.8	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
1200	8.9	79.8	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
1400	8.9	82.0	82.6	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1600	8.9	85.6	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
1800	8.9	88.1	88.7	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2000	8.9	90.1	90.9	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2200	8.9	91.5	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2400	9.1	93.3	94.5	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2600	9.1	93.9	95.1	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
2800	9.1	94.1	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3000	9.1	94.7	95.9	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
3200	9.1	95.5	96.8	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
3400	9.1	95.7	97.0	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
3600	9.1	95.7	97.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3800	9.1	95.7	97.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4000	9.1	96.2	97.4	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
4200	9.1	96.2	97.9	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
4400	9.1	96.2	97.9	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4600	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4800	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5200	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5400	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5600	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5800	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	9.1	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70273-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING > 2000	4.1	64.2	62.8	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1800	6.9	73.3	74.7	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1600	6.9	73.8	75.2	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1400	6.9	74.1	75.2	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1200	6.9	74.4	75.8	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1000	7.2	76.0	77.4	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 800	7.7	79.1	80.4	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 600	8.0	80.7	82.1	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 400	8.3	84.0	85.0	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 200	8.3	85.4	87.4	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 100	8.3	86.0	87.9	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 50	8.3	88.7	90.9	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 25	8.3	89.5	91.5	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 15	8.3	91.7	92.7	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 10	8.3	92.6	93.0	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5	8.3	93.7	94.4	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2	8.3	93.9	95.7	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1	8.3	94.2	97.0	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0.5	8.3	94.2	97.0	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0.25	8.3	94.8	97.8	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0.1	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.05	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.025	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.01	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.005	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.0025	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.001	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.0005	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.00025	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.0001	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.00005	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.000025	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.00001	8.3	94.8	97.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 363

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK FLORIDA

69-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	.5	70.9	74.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2000	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1600	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1400	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1200	.5	78.4	81.9	81.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	1.0	82.4	85.9	85.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	1.0	82.4	85.9	85.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	1.0	84.4	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	1.0	84.4	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	1.0	84.9	88.9	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 500	1.0	84.9	88.9	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 400	1.0	85.4	89.4	89.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	1.0	87.9	92.5	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 250	1.0	88.4	94.0	94.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	1.0	88.9	94.0	94.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 150	1.0	89.9	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	1.0	90.5	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 80	1.0	90.5	97.5	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 60	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 15	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.0	91.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2
≥ 2000	3.2	56.0	59.8	59.7	60.2	60.3	60.6	60.7	60.7	60.8	60.8	60.9	61.2	61.2	61.6	61.7
≥ 1800	5.3	63.8	66.2	67.7	68.3	68.4	68.7	68.8	68.8	68.9	69.0	69.0	69.3	69.4	69.7	69.8
≥ 1600	5.3	64.1	66.8	68.0	68.6	68.6	69.0	69.1	69.1	69.2	69.3	69.3	69.5	69.6	69.9	70.1
≥ 1400	5.3	64.2	66.7	68.1	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.7	69.8	70.1	70.2
≥ 1200	5.3	65.1	68.0	69.2	69.9	70.0	70.3	70.4	70.4	70.5	70.6	70.6	70.9	71.0	71.3	71.4
≥ 1000	5.3	67.2	70.3	71.5	72.2	72.3	72.7	72.8	72.8	72.9	73.0	73.0	73.3	73.4	73.7	73.8
≥ 800	5.5	69.6	72.6	73.9	74.6	74.7	75.1	75.2	75.2	75.3	75.4	75.4	75.7	75.8	76.1	76.2
≥ 600	5.6	70.6	73.8	75.0	75.7	75.8	76.2	76.3	76.3	76.5	76.6	76.6	76.8	76.9	77.2	77.4
≥ 400	5.7	72.2	75.3	76.7	77.5	77.6	77.9	78.0	78.0	78.2	78.3	78.3	78.6	78.6	79.0	79.1
≥ 200	5.7	73.2	76.3	77.8	78.5	78.6	79.0	79.1	79.1	79.2	79.4	79.4	79.6	79.7	80.0	80.2
≥ 100	5.7	74.4	77.6	78.9	79.6	79.8	80.1	80.2	80.2	80.4	80.5	80.5	80.7	80.8	81.1	81.3
≥ 50	5.7	76.1	79.4	80.6	81.4	81.5	81.8	82.0	82.0	82.1	82.2	82.2	82.5	82.5	82.9	83.0
≥ 25	5.7	77.5	80.7	82.1	82.9	83.1	83.4	83.5	83.5	83.7	83.8	83.8	84.0	84.1	84.4	84.6
≥ 15	5.8	79.5	83.0	84.4	85.2	85.3	85.7	85.8	85.8	85.9	86.1	86.1	86.3	86.4	86.7	86.9
≥ 10	5.8	80.7	84.3	85.8	86.7	86.8	87.2	87.3	87.3	87.4	87.6	87.6	87.8	87.9	88.2	88.4
≥ 5	5.8	81.7	85.8	87.2	88.1	88.2	88.6	88.7	88.7	88.9	89.0	89.0	89.2	89.3	89.6	89.8
≥ 2	5.9	82.9	87.1	88.5	89.3	89.5	89.9	90.0	90.0	90.2	90.3	90.3	90.5	90.6	90.9	91.1
≥ 1	5.9	84.0	88.3	89.8	90.6	90.7	91.2	91.3	91.3	91.4	91.5	91.5	91.8	91.9	92.2	92.3
≥ 0.5	6.0	84.4	88.7	90.3	91.2	91.3	91.8	91.9	91.9	92.0	92.1	92.1	92.4	92.5	92.8	92.9
≥ 0.25	6.0	85.4	89.8	91.4	92.4	92.7	93.2	93.3	93.3	93.4	93.6	93.6	93.8	93.9	94.2	94.4
≥ 0.1	6.0	85.9	90.4	92.2	93.2	93.5	94.0	94.1	94.1	94.3	94.4	94.4	94.6	94.7	95.0	95.2
≥ 0.05	6.0	86.5	91.2	93.1	94.1	94.5	95.0	95.1	95.1	95.3	95.4	95.4	95.6	95.7	96.1	96.3
≥ 0.025	6.0	86.6	91.3	93.3	94.4	94.7	95.2	95.4	95.4	95.5	95.6	95.6	95.9	96.0	96.3	96.5
≥ 0.01	6.0	86.7	91.3	93.6	94.7	95.0	95.6	95.8	95.8	95.9	96.0	96.0	96.3	96.4	96.8	97.0
≥ 0.005	6.0	86.9	91.7	93.9	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.4	96.8	96.9	97.2	97.5
≥ 0.0025	6.0	87.0	91.9	94.1	95.4	95.7	96.3	96.6	96.6	96.8	96.9	96.9	97.3	97.3	97.7	98.0
≥ 0.001	6.0	87.0	92.1	94.3	95.6	96.0	96.6	96.9	96.9	97.1	97.3	97.3	97.6	97.7	98.1	98.5
≥ 0.0005	6.0	87.0	92.2	94.5	96.0	96.4	97.0	97.4	97.4	97.6	97.8	97.8	98.2	98.3	98.8	99.3
≥ 0.00025	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	98.9	99.6
≥ 0.0001	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	99.9
≥ 0.00005	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	100.0
≥ 0.000025	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2732

APR

0000-0200

TOTAL NUMBER OF OBSERVATIONS 39

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,74-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512	≥0
NO CEILING	52.1	69.4	77.8	82.1	82.1	82.9	82.9	82.9	85.5	85.5	86.3	87.2	87.2	87.2	87.2	87.2
≥ 2000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1800	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1600	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1400	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1200	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 800	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 600	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 400	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 200	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 100	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 50	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 25	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 12	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 6	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 3	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/2	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/4	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/8	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/16	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/32	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/64	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/128	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/256	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 1/512	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 0	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9

TOTAL NUMBER OF OBSERVATIONS 117

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥0
NO. REPORTED	8	43.2	54.0	57.2	62.4	62.8	64.9	65.9	65.9	67.6	68.4	68.6	69.6	69.6	70.5	70.9
≥ 20000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	73.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 18000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	73.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 16000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	73.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 14000	1.0	48.2	59.3	64.9	70.1	70.5	72.6	73.6	73.6	75.3	76.1	76.3	77.5	77.5	78.4	79.0
≥ 12000	1.0	50.1	61.2	67.4	72.6	73.0	75.1	76.1	76.1	77.8	78.6	78.8	80.0	80.0	80.7	81.5
≥ 10000	1.0	50.7	62.6	68.6	73.8	74.2	76.3	77.3	77.3	79.0	79.8	80.0	81.3	81.3	82.1	82.7
≥ 9000	1.0	51.6	63.4	69.4	74.6	75.1	77.1	78.2	78.2	79.8	80.7	80.9	82.1	82.1	83.0	83.6
≥ 8000	1.0	52.6	64.7	70.9	76.1	76.5	78.6	79.6	79.6	81.3	82.3	82.5	83.8	83.8	84.6	85.2
≥ 7000	1.0	53.6	65.7	71.9	77.3	77.8	79.8	80.9	80.9	82.5	83.6	83.8	85.0	85.0	85.9	86.5
≥ 6000	1.5	54.7	67.0	73.8	79.4	79.8	81.9	83.0	83.0	84.6	85.7	85.9	87.3	87.3	88.1	88.8
≥ 5000	1.5	55.5	68.0	74.8	80.5	80.9	83.0	84.0	84.0	85.7	86.7	86.9	88.6	88.6	89.4	90.0
≥ 4500	1.7	55.7	68.0	75.1	80.7	81.1	83.2	84.2	84.2	85.9	86.9	87.1	88.8	88.8	89.6	90.2
≥ 4000	1.7	56.5	69.0	75.9	81.5	81.9	84.0	85.0	85.0	86.7	87.7	87.9	89.6	89.6	90.4	91.1
≥ 3500	1.7	57.4	70.5	76.7	82.3	82.7	84.8	85.9	85.9	87.5	88.6	88.8	90.4	90.4	91.3	91.9
≥ 3000	1.7	57.4	70.5	76.7	82.3	82.7	84.8	85.9	85.9	87.5	88.6	88.8	90.4	90.4	91.5	92.1
≥ 2500	1.7	57.4	70.5	76.7	82.3	83.0	85.0	86.1	86.1	87.9	89.0	89.2	90.9	90.9	91.9	92.5
≥ 2000	1.7	57.4	70.9	77.1	82.7	83.4	85.7	86.7	86.7	88.6	89.6	89.8	91.5	91.5	92.5	93.1
≥ 1800	1.7	57.4	70.9	77.1	82.7	83.4	85.7	86.7	86.7	88.6	89.6	89.8	91.5	91.5	92.5	93.1
≥ 1600	1.7	57.6	71.1	77.3	83.0	83.6	85.9	86.9	86.9	88.8	89.8	90.0	91.7	91.7	92.7	93.3
≥ 1400	1.7	58.0	71.7	78.2	83.8	84.4	86.7	87.7	87.7	89.6	90.6	90.9	92.5	92.5	93.6	94.2
≥ 1200	1.7	58.8	72.6	79.2	84.8	85.9	88.4	89.4	89.4	91.3	92.3	92.5	94.2	94.2	95.2	95.8
≥ 1000	1.7	59.0	73.0	79.6	85.2	86.3	88.8	89.8	89.8	91.7	92.7	92.9	94.6	94.6	95.6	96.3
≥ 900	1.7	59.7	73.8	80.7	86.3	87.3	89.8	90.9	90.9	92.7	93.8	94.0	95.6	95.6	96.7	97.3
≥ 800	1.7	59.9	74.0	80.9	86.5	87.5	90.0	91.1	91.1	92.9	94.0	94.2	95.8	95.8	96.9	97.5
≥ 700	1.7	59.9	74.0	80.9	86.5	87.5	90.0	91.3	91.3	93.1	94.2	94.4	96.0	96.0	97.3	97.9
≥ 600	1.7	59.9	74.2	81.3	87.1	88.1	90.9	92.3	92.3	94.4	95.6	95.8	97.7	97.9	99.0	99.6
≥ 500	1.7	59.9	74.2	81.3	87.1	88.1	90.9	92.3	92.3	94.4	95.6	96.0	97.9	98.1	99.2	99.8
≥ 400	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.5	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 300	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.5	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 200	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.5	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 100	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.5	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 0	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.5	94.6	95.8	96.3	98.1	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

FLYING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	6.1	62.5	64.3	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	6.8	71.7	73.8	74.2	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	6.8	72.1	74.2	74.6	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	6.8	72.1	74.2	74.6	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	6.8	73.0	75.2	75.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	6.8	75.6	77.7	78.1	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	6.8	77.0	79.1	79.5	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	6.8	77.5	79.7	80.1	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	7.2	78.9	81.3	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	7.6	79.5	81.8	82.2	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	7.6	80.5	82.8	83.2	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	7.8	81.4	83.8	84.2	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	7.8	82.8	85.2	85.5	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	7.8	84.0	86.5	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1600	7.8	84.8	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1400	7.8	86.1	88.7	89.1	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	8.0	87.7	90.2	90.6	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	8.2	89.3	91.8	92.2	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	8.2	90.2	93.0	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	8.4	92.2	94.9	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	8.4	93.4	96.1	96.5	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	8.4	94.5	97.3	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	8.4	94.7	97.5	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 50	8.4	94.9	97.7	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 20	8.4	95.1	97.9	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 10	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 512

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1700

CEILING FEET		VISIBILITY STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	4.7	65.5	62.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
900	6.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
800	6.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
700	6.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
600	6.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
500	6.3	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
400	6.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
300	6.5	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
200	6.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
100	7.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
0	7.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000	7.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
900	7.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
800	7.5	92.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
700	7.5	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
600	7.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
500	7.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	8.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
300	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
200	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
100	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
900	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
800	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
700	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
600	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
500	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
400	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
300	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
200	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
100	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	8.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

1800-2000

NO. CEILING FOOT	VISIBILITY - STATUTE MILES															
	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
2000	75.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
1800	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
1600	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
1400	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
1200	80.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
1000	84.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
900	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
800	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
700	89.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
600	90.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
500	90.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
450	90.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
400	91.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
350	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
300	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
250	96.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
200	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1800	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1600	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1400	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 236

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 75-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 5	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024	≥ 1/2048
NO CEILING	81.5	82.2	86.1	86.1	86.1	86.1	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 20000	83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 18000	83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 16000	83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000	84.3	88.0	88.9	88.9	88.9	88.9	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000	84.3	88.0	88.9	88.9	88.9	88.9	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	89.8	92.2	93.4	93.4	93.4	93.4	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	90.7	94.4	96.3	96.3	96.3	96.3	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	91.7	95.4	97.2	97.2	97.2	97.2	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 08

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

		VISIBILITY (STATUTE MILES)															
		0.25	0.5	0.75	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	20
2000	FEET	3.2	60.9	64.4	66.0	67.2	67.3	67.8	68.0	68.0	68.5	68.7	68.8	69.0	69.0	69.2	69.3
1800	FEET	4.1	69.3	73.3	75.0	76.4	76.4	76.9	77.2	77.2	77.7	77.8	77.9	78.2	78.2	78.4	78.5
1600	FEET	4.1	69.6	73.6	75.3	76.7	76.8	77.3	77.5	77.5	78.0	78.1	78.2	78.5	78.5	78.7	78.8
1400	FEET	4.1	69.6	73.6	75.3	76.7	76.8	77.3	77.5	77.5	78.0	78.1	78.2	78.5	78.5	78.7	78.8
1200	FEET	4.1	70.4	74.5	76.2	77.5	77.6	78.1	78.4	78.4	78.8	79.0	79.1	79.4	79.4	79.5	79.7
1000	FEET	4.1	72.1	76.2	78.0	79.4	79.4	79.9	80.2	80.2	80.7	80.8	80.9	81.2	81.2	81.4	81.5
800	FEET	4.1	73.8	78.1	79.9	81.2	81.3	81.8	82.0	82.0	82.5	82.7	82.8	83.1	83.1	83.2	83.3
600	FEET	4.2	75.0	79.4	81.1	82.4	82.5	83.0	83.2	83.2	83.7	83.9	84.0	84.2	84.2	84.4	84.5
400	FEET	4.3	76.3	80.6	82.5	83.8	83.9	84.4	84.6	84.6	85.1	85.3	85.4	85.7	85.7	85.9	86.0
200	FEET	4.6	77.3	81.6	83.4	84.8	84.9	85.4	85.6	85.6	86.1	86.3	86.4	86.7	86.7	86.8	87.0
100	FEET	4.7	78.1	82.6	84.4	85.9	85.9	86.4	86.7	86.7	87.2	87.4	87.4	87.8	87.8	87.9	88.1
50	FEET	4.8	79.0	83.2	85.4	86.8	86.9	87.4	87.6	87.6	88.1	88.3	88.4	88.7	88.7	88.9	89.0
0	FEET	4.9	81.0	85.5	87.4	88.9	89.0	89.4	89.7	89.7	90.2	90.4	90.5	90.8	90.8	91.0	91.1
0	FEET	4.9	82.5	87.1	89.1	90.5	90.6	91.1	91.4	91.4	91.9	92.1	92.2	92.5	92.5	92.7	92.8
0	FEET	5.0	83.8	88.4	90.4	91.9	92.0	92.5	92.7	92.7	93.2	93.4	93.5	93.9	93.9	94.1	94.2
0	FEET	5.2	85.2	89.9	92.0	93.5	93.6	94.2	94.4	94.4	94.9	95.1	95.2	95.6	95.6	95.8	95.9
0	FEET	5.3	85.8	90.6	92.6	94.1	94.2	94.9	95.1	95.1	95.7	95.9	96.0	96.3	96.3	96.5	96.7
0	FEET	5.3	86.0	90.8	92.9	94.4	94.5	95.1	95.4	95.4	95.9	96.1	96.2	96.6	96.6	96.8	96.9
0	FEET	5.3	86.5	91.1	93.4	94.9	95.0	95.7	95.9	95.9	96.5	96.7	96.8	97.2	97.2	97.4	97.5
0	FEET	5.3	86.9	91.8	93.9	95.4	95.5	96.2	96.5	96.5	97.0	97.2	97.3	97.7	97.7	97.9	98.0
0	FEET	5.3	87.3	92.2	94.3	95.9	96.1	96.8	97.1	97.1	97.6	97.8	97.9	98.3	98.3	98.5	98.6
0	FEET	5.3	87.4	92.3	94.4	96.0	96.2	97.0	97.2	97.2	97.8	98.0	98.1	98.5	98.5	98.7	98.8
0	FEET	5.3	87.6	92.5	94.8	96.3	96.5	97.3	97.5	97.5	98.1	98.3	98.4	98.8	98.8	99.0	99.1
0	FEET	5.3	87.7	92.6	94.8	96.4	96.6	97.4	97.6	97.6	98.2	98.4	98.5	98.9	98.9	99.1	99.2
0	FEET	5.3	87.7	92.6	94.8	96.4	96.6	97.4	97.6	97.7	98.3	98.5	98.5	98.9	98.9	99.1	99.3
0	FEET	5.3	87.7	92.6	95.0	96.6	96.8	97.7	98.1	98.1	98.8	99.0	99.1	99.5	99.5	99.8	99.9
0	FEET	5.3	87.7	92.6	95.0	96.6	96.8	97.7	98.1	98.1	98.8	99.1	99.2	99.6	99.6	99.8	100.0
0	FEET	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0
0	FEET	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0
0	FEET	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2562

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70-73-75-77-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING (0000)	47.3	87.1	70.9	74.5	74.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1800	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1600	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1400	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	61.8	87.1	70.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 450	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 350	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 250	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 180	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 160	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 140	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 55

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0500

		VISIBILITY, STATUTE MILES														
		20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	1000	45.5	52.5	64.9	74.3	74.3	77.9	78.8	78.8	79.3	79.7	79.7	79.7	79.7	79.7	80.2
	900	47.3	62.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.3	83.8
1000	800	47.3	62.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.3	83.8
	700	47.3	62.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.3	83.8
1000	600	48.2	62.5	69.4	78.8	78.8	82.4	83.3	83.3	83.8	84.2	84.2	84.2	84.2	84.7	84.7
	500	49.1	64.4	70.3	79.7	79.7	83.3	84.2	84.2	84.7	85.1	85.1	85.1	85.1	85.6	85.6
1000	400	51.4	66.7	72.5	82.0	82.0	85.6	86.5	86.5	86.9	87.4	87.4	87.4	87.4	87.8	87.8
	300	52.7	68.0	74.3	83.8	83.8	87.4	88.3	88.3	88.7	89.2	89.2	89.2	89.2	89.6	89.6
1000	200	53.6	67.4	75.7	85.6	85.6	89.2	90.1	90.1	90.5	91.0	91.0	91.0	91.0	91.4	91.4
	100	54.1	67.8	76.1	86.0	86.0	89.6	90.5	90.5	91.0	91.4	91.4	91.4	91.4	91.9	91.9
1000	0-100	54.5	70.3	76.6	86.5	86.5	90.1	91.0	91.0	91.4	91.9	91.9	91.9	91.9	92.3	92.3
	0-50	54.5	70.3	76.6	86.5	86.5	90.1	91.0	91.0	91.4	91.9	91.9	91.9	91.9	92.3	92.3
1000	0-25	55.0	70.7	77.0	86.9	86.9	90.5	91.4	91.4	91.9	92.3	92.3	92.3	92.3	92.8	92.8
	0-10	55.4	71.2	77.5	87.4	87.4	91.0	91.9	91.9	92.3	92.8	92.8	92.8	92.8	93.2	93.2
1000	0-5	56.3	72.1	78.4	88.3	88.3	91.9	92.8	92.8	93.2	93.7	93.7	93.7	93.7	94.1	94.1
	0-2	56.3	72.5	78.8	88.7	88.7	92.3	93.2	93.2	93.7	94.1	94.1	94.1	94.1	94.6	94.6
1000	0-1	56.3	72.5	78.8	88.7	88.7	92.3	93.2	93.2	93.7	94.1	94.1	94.1	94.1	94.6	94.6
	0-0.5	56.3	72.5	79.3	89.2	89.2	92.8	93.7	93.7	94.6	95.0	95.0	95.0	95.0	95.5	95.5
1000	0-0.25	56.3	72.4	79.7	89.6	89.6	93.2	94.1	94.1	95.0	95.5	95.5	95.5	95.5	95.9	95.9
	0-0.1	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.05	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.01	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.00000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.000000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.0000000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000000000000000025	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.00000000000000001	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
1000	0-0.000000000000000005	56.3	72.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	95.9	95.9	96.4	96.8
	0-0.0000000000000000025	56.3	72.9	80.2	90.1	90.1										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	22	27	21	24	21	24	24	24	25	24	20	
NO CEILING	.2	37.5	48.7	53.6	60.6	60.6	63.5	63.7	63.7	63.9	63.9	63.9	64.3	64.3	64.5	65.3
> 2000	.2	41.4	54.0	59.4	66.9	67.1	70.6	71.0	71.2	71.4	71.4	71.4	72.0	72.0	72.4	73.2
> 1800	.2	41.6	54.2	59.6	67.1	67.3	70.8	71.4	71.6	71.8	71.8	71.8	72.4	72.4	72.8	73.6
> 1600	.2	41.6	54.2	59.6	67.1	67.3	70.8	71.4	71.6	71.8	71.8	71.8	72.4	72.4	72.8	73.6
> 1400	.2	41.8	54.8	60.4	68.2	68.4	72.0	72.6	72.8	73.0	73.0	73.0	73.6	73.6	74.0	74.8
> 1200	.2	44.2	57.2	62.9	70.8	71.0	74.6	75.1	75.3	75.5	75.5	75.5	76.1	76.1	76.7	77.5
> 1000	.2	46.5	59.8	65.7	73.8	74.2	77.7	78.3	78.5	78.7	78.7	78.7	79.3	79.3	79.9	80.7
> 900	.2	48.3	61.9	68.0	76.1	76.5	80.1	80.7	80.9	81.1	81.1	81.1	81.7	81.7	82.2	83.0
> 800	.2	49.3	62.3	69.4	77.5	77.9	81.5	82.1	82.2	82.4	82.4	82.4	83.0	83.0	83.6	84.4
> 700	.2	50.3	64.3	70.4	78.7	79.1	82.6	83.2	83.4	83.6	83.6	83.6	84.2	84.2	84.8	85.6
> 600	.2	50.7	64.7	71.0	79.3	79.7	83.2	83.8	84.0	84.2	84.2	84.2	84.8	84.8	85.4	86.2
> 500	.2	51.3	65.3	71.8	80.1	80.5	84.0	84.6	84.8	85.0	85.0	85.0	85.6	85.6	86.2	87.0
> 450	.2	51.3	65.3	71.8	80.1	80.5	84.0	84.6	85.0	85.2	85.2	85.2	85.8	85.8	86.4	87.2
> 400	.2	51.7	65.9	72.2	80.5	80.9	84.4	85.2	85.4	85.8	85.8	85.8	86.4	86.4	87.0	87.8
> 350	.2	53.1	67.3	73.6	81.9	82.2	85.8	86.6	86.8	87.2	87.2	87.2	87.8	87.8	88.4	89.2
> 300	.2	53.5	67.9	74.2	82.4	82.8	86.4	87.2	87.4	87.8	87.8	87.8	88.4	88.4	89.2	89.9
> 250	.2	53.6	68.2	74.6	83.0	83.4	87.0	87.8	88.0	88.4	88.6	88.6	89.2	89.2	89.9	90.7
> 200	.2	54.2	69.2	75.5	84.0	84.4	88.0	88.8	89.0	89.3	89.7	89.7	90.3	90.3	91.1	91.9
> 150	.2	54.2	69.2	75.5	84.0	84.4	88.0	88.8	89.0	89.3	89.7	89.7	90.3	90.3	91.1	91.9
> 100	.2	54.2	69.2	75.5	84.0	84.4	88.0	88.8	89.0	89.3	89.7	89.7	90.3	90.3	91.1	91.9
> 90	.2	54.6	69.8	76.3	85.0	85.4	89.0	89.7	89.9	90.3	90.7	90.7	91.3	91.3	92.1	92.9
> 80	.2	55.8	71.2	78.1	87.0	87.4	91.1	92.1	92.3	92.7	93.1	93.1	93.7	93.7	94.5	95.3
> 70	.2	56.0	71.4	78.7	87.6	88.0	91.7	92.7	92.9	93.3	93.7	93.7	94.3	94.3	95.1	95.9
> 60	.2	56.2	72.0	79.3	88.2	88.6	92.3	93.3	93.5	93.9	94.3	94.3	94.9	94.9	95.7	96.4
> 50	.2	56.2	72.0	79.3	88.2	88.6	92.3	93.3	93.5	93.9	94.3	94.3	94.9	94.9	95.7	96.4
> 40	.2	56.2	72.0	79.3	88.2	88.6	92.3	93.3	93.5	93.9	94.3	94.3	94.9	94.9	95.7	96.4
> 30	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	94.9	95.3	95.3	95.9	95.9	96.7	97.4
> 20	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	94.9	95.3	95.3	95.9	95.9	96.7	97.4
> 10	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	94.9	95.3	95.3	95.9	95.9	96.7	97.4
> 0	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.3	94.5	95.7	96.3	96.3	96.8	97.4	98.2	99.4
> 0	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.3	94.5	95.7	96.3	96.3	96.8	97.4	98.2	99.4

TOTAL NUMBER OF OBSERVATIONS 507

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

MAY

PERCENT OF FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NOT CEILING	.6	52.4	54.9	55.7	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 2000	.6	67.0	67.0	70.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 1800	.6	67.8	70.4	71.1	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1600	.6	68.0	70.6	71.3	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 1400	.6	69.6	72.1	72.9	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1200	.6	73.1	75.7	76.5	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1000	.6	76.9	77.9	80.4	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 800	.6	78.5	81.2	82.0	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	.6	81.0	83.8	84.6	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 400	.6	82.2	85.0	85.8	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 200	.6	83.8	86.0	87.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 100	.6	84.0	86.8	87.5	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 50	.6	84.6	87.4	88.1	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 25	.6	85.0	87.7	88.5	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 15	.6	85.4	88.1	89.1	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10	.6	87.2	89.9	90.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5	.6	88.9	91.7	92.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2	.6	90.7	93.5	94.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1	.6	91.3	94.1	95.1	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1/2	.6	92.9	95.7	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1/4	.6	93.5	96.2	97.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1/8	.6	94.3	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1/16	.6	94.3	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1/32	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/64	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/128	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/256	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/512	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/1024	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1/2048	.6	94.7	97.6	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 506

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2000	.6	45.5	49.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
1800	.6	63.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
1600	.6	64.8	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
1400	.6	65.0	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
1200	.6	66.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1000	.6	68.8	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
800	.6	75.4	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
600	.6	76.0	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
400	.8	77.5	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
200	.8	78.7	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
100	.8	79.7	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
50	.8	81.3	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
0	.8	82.8	84.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2000	.8	85.0	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1800	.8	87.3	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1600	.8	90.8	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1400	.8	92.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1200	.8	93.6	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1000	.8	94.3	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
800	.8	94.5	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
600	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2000	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1800	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1600	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1400	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	.8	94.7	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY - STATUTE MILE															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	.8	44.2	43.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	.8	58.9	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	.8	59.6	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	.8	60.7	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	.8	62.2	63.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	.8	64.5	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	.8	69.3	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	.8	71.8	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	.8	73.9	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	.8	75.4	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	.8	76.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	.8	78.7	79.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	.8	80.5	81.7	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	.8	85.0	86.3	87.3	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	.8	87.3	88.6	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	.8	90.6	91.9	93.7	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	.8	91.9	93.7	94.9	95.2	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	.8	92.9	94.7	95.9	96.2	96.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800	.8	93.7	95.7	97.2	97.5	97.5	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1600	.8	93.7	95.7	97.7	98.0	98.0	98.5	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
1400	.8	94.2	96.7	98.2	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
1200	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
1000	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
800	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
700	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
600	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
500	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
400	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
300	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
200	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
100	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
0	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 394

GLOBAL CLIMATOLOGY BRANCH
USAFETAG
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12704 AVON PARK RANGE FLORIDA

69-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING ≥ 2500	.4	49.8	50.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 1800	.4	60.1	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1500	.4	61.3	62.1	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 1200	.4	62.1	62.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 900	.4	62.5	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 600	.4	62.2	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 300	.4	74.7	72.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 100	.4	77.2	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 50	.4	80.2	81.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 20	.4	82.2	83.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10	.4	84.6	85.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5	.4	87.4	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2	.4	88.1	89.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1	.4	89.7	91.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ .5	.4	90.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ .25	.4	92.1	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ .15	.4	93.7	95.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ .1	.4	94.5	96.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ .05	.4	94.9	96.8	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ .025	.4	94.9	96.8	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .01	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .005	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .0025	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .001	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .0005	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .00025	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .0001	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .00005	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .000025	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .00001	.4	95.3	97.2	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

09-70-73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

		VISIBILITY (STATUTE MILES)															
		10	25	40	45	50	55	60	65	70	75	80	85	90	95	100	20
2000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
1800	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1600	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1400	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1200	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1000	75.5	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
800	78.4	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
600	79.9	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
400	86.3	86.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
200	87.1	87.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0	90.6	90.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
2000	92.5	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1800	93.5	93.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1600	93.5	93.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1400	93.5	93.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1200	94.2	94.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
1000	94.2	94.2	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
800	94.2	94.2	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	94.2	94.2	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
400	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2000	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1800	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1600	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1400	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1200	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	94.2	94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	.4	46.6	51.4	53.3	55.7	55.7	56.6	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.2
≥ 2000	.4	57.9	62.3	65.3	67.8	67.8	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.6
≥ 1000	.4	58.6	64.0	66.0	68.5	68.5	69.6	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.2	70.3
≥ 500	.4	58.9	64.3	66.3	68.8	68.8	69.9	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.5	70.6
≥ 400	.4	59.9	65.4	67.4	70.0	70.0	71.1	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.7	71.8
≥ 300	.4	62.7	68.2	70.4	72.9	73.0	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.7	74.8
≥ 200	.4	66.8	72.4	74.7	77.2	77.3	78.4	78.6	78.6	78.7	78.7	78.7	78.9	78.9	79.0	79.2
≥ 100	.4	68.5	74.6	76.5	79.1	79.1	80.2	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.8	81.0
≥ 800	.5	70.5	76.4	78.6	81.3	81.3	82.4	82.6	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.2
≥ 700	.5	71.7	77.6	79.8	82.5	82.6	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2	84.4
≥ 600	.5	72.8	78.7	81.1	83.7	83.8	84.9	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.5	85.7
≥ 500	.5	74.1	80.1	82.5	85.1	85.2	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.1
≥ 400	.5	74.9	81.0	83.4	86.1	86.2	87.2	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.9	88.1
≥ 300	.5	76.4	82.2	84.9	87.6	87.7	88.8	89.1	89.1	89.2	89.2	89.3	89.4	89.4	89.5	89.7
≥ 200	.5	77.7	83.9	86.4	89.1	89.2	90.3	90.5	90.6	90.7	90.7	90.7	90.8	90.8	91.0	91.2
≥ 100	.5	79.5	85.9	88.3	91.2	91.2	92.3	92.6	92.6	92.7	92.8	92.8	92.9	92.9	93.1	93.2
≥ 800	.5	80.6	87.0	89.5	92.4	92.5	93.6	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.5	94.6
≥ 700	.5	81.5	88.1	90.6	93.5	93.5	94.7	95.1	95.1	95.3	95.4	95.4	95.5	95.6	95.7	95.9
≥ 600	.5	81.9	88.6	91.1	94.1	94.2	95.4	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.4	96.5
≥ 500	.5	82.3	89.1	91.8	94.9	95.0	96.2	96.5	96.5	96.8	96.9	96.9	97.1	97.1	97.3	97.4
≥ 400	.5	82.6	89.7	92.2	95.4	95.4	96.6	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.8	97.9
≥ 300	.5	83.0	90.2	92.8	96.0	96.1	97.3	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.5	98.6
≥ 200	.5	83.0	90.2	92.9	96.1	96.2	97.4	97.8	97.9	98.1	98.3	98.3	98.4	98.5	98.6	98.8
≥ 100	.5	83.2	90.4	93.1	96.2	96.4	97.7	98.1	98.1	98.3	98.5	98.5	98.6	98.6	98.8	99.0
≥ 800	.5	83.2	90.5	93.2	96.4	96.4	97.8	98.1	98.2	98.4	98.6	98.6	98.7	98.8	98.9	99.1
≥ 700	.5	83.2	90.5	93.2	96.4	96.5	97.8	98.2	98.3	98.5	98.6	98.6	98.8	98.8	99.0	99.1
≥ 600	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.2	99.3
≥ 500	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.7	98.9	98.9	99.1	99.1	99.3	99.5
≥ 400	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.5	99.6
≥ 300	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	99.7
≥ 200	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	99.8
≥ 100	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2588

CEILING VERSUS VISIBILITY

JUN

0000-0200.

TOTAL NUMBER OF OBSERVATIONS 117

USAF ETAC 11, 9-14-5 DL A, PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-7073-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)	21	20	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1000	.4	55.5	10.4	73.7	78.5	76.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
900	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
800	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
700	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
600	.4	62.4	77.4	80.7	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
500	.4	65.3	80.7	83.9	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
400	.4	68.6	84.3	87.6	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
300	.4	69.0	84.7	88.0	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
200	.4	71.2	80.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
100	.4	71.2	80.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
50	.4	71.2	80.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	.4	71.2	80.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1000	.4	71.5	81.2	90.5	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
900	.4	71.9	81.6	90.9	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
800	.4	73.0	80.7	92.0	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
700	.4	73.0	80.7	92.0	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
500	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
400	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
300	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
200	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	.4	73.4	82.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1000	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	.4	74.1	82.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 274

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING		49.7	57.6	62.5	64.3	64.9	65.5	65.5	65.9	65.9	66.1	66.1	66.5	66.5	66.7	66.7
≥ 20000	.2	56.0	60.9	69.4	71.6	72.2	73.2	73.6	74.0	74.0	74.2	74.2	74.6	74.6	74.8	74.8
≥ 18000	.2	56.4	60.7	69.8	72.0	72.6	73.6	74.0	74.4	74.4	74.6	74.6	75.0	75.0	75.1	75.1
≥ 16000	.2	56.8	61.1	70.2	72.4	73.0	74.0	74.4	74.8	74.8	75.0	75.0	75.3	75.3	75.5	75.5
≥ 14000	.2	58.2	60.4	71.8	74.0	74.6	75.5	76.1	76.5	76.5	76.7	76.7	77.1	77.1	77.3	77.3
≥ 12000	.2	60.9	71.4	74.8	77.1	77.7	78.9	79.5	79.9	79.9	80.1	80.1	80.5	80.5	80.7	80.7
≥ 10000	.2	65.5	70.7	80.3	82.6	83.2	84.4	85.0	85.4	85.4	85.6	85.6	86.0	86.0	86.2	86.2
≥ 9000	.4	66.5	77.7	81.3	83.6	84.2	85.4	86.0	86.4	86.4	86.6	86.6	87.0	87.0	87.2	87.2
≥ 8000	.4	68.6	77.9	83.4	85.8	86.4	87.6	88.2	88.6	88.6	88.8	88.8	89.2	89.2	89.3	89.3
≥ 7000	.4	69.4	80.9	84.4	86.8	87.4	88.6	89.2	89.5	89.5	89.7	89.7	90.1	90.1	90.3	90.3
≥ 6000	.4	70.4	81.9	85.4	87.8	88.4	89.5	90.1	90.5	90.5	90.7	90.7	91.1	91.1	91.3	91.3
≥ 5000	.4	70.8	82.2	85.8	88.2	88.8	89.9	90.5	90.9	90.9	91.1	91.1	91.5	91.5	91.7	91.7
≥ 4500	.4	70.8	82.2	85.8	88.2	88.8	89.9	90.5	90.9	90.9	91.1	91.1	91.5	91.5	91.7	91.7
≥ 4000	.4	71.2	82.6	86.2	88.6	89.2	90.3	90.9	91.3	91.3	91.5	91.5	91.9	91.9	92.1	92.1
≥ 3500	.4	71.6	83.0	86.6	89.0	89.5	90.7	91.3	91.7	91.7	91.9	91.9	92.3	92.3	92.5	92.5
≥ 3000	.4	72.8	84.2	87.8	90.1	90.7	91.9	92.5	92.9	92.9	93.1	93.1	93.5	93.5	93.7	93.7
≥ 2500	.4	73.6	85.0	88.6	91.1	91.7	92.9	93.5	93.9	93.9	94.1	94.1	94.5	94.5	94.7	94.7
≥ 2000	.4	74.4	85.8	89.3	91.9	92.5	93.7	94.3	94.7	94.7	94.9	94.9	95.3	95.3	95.5	95.5
≥ 1800	.4	74.6	86.0	89.5	92.1	92.7	93.9	94.5	94.9	94.9	95.1	95.1	95.5	95.5	95.7	95.7
≥ 1500	.4	75.1	86.6	90.1	92.7	93.3	94.5	95.1	95.5	95.5	95.7	95.7	96.1	96.1	96.3	96.3
≥ 1200	.4	75.7	87.2	90.7	93.3	93.9	95.1	95.7	96.1	96.1	96.3	96.3	96.6	96.6	96.8	96.8
≥ 1000	.4	76.5	88.2	91.9	94.9	95.5	96.6	97.2	97.6	97.6	97.8	97.8	98.2	98.2	98.4	98.4
≥ 900	.4	76.5	88.2	91.9	94.9	95.5	96.6	97.2	97.6	97.6	97.8	97.8	98.2	98.2	98.4	98.4
≥ 800	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.4	98.4	98.6	98.6
≥ 700	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.4	98.4	98.6	98.6
≥ 600	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.4	98.4	98.6	98.6
≥ 500	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2
≥ 400	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2
≥ 300	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2
≥ 200	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2
≥ 100	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2
≥ 0	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.6	98.6	99.0	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	.2	55.7	59.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	.2	68.6	67.7	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	.2	69.5	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	.2	69.5	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	.2	72.3	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	.4	77.5	78.7	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	.4	82.6	83.8	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	.8	83.8	85.0	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	.8	85.4	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	.8	86.1	87.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	.8	86.7	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	.8	86.9	88.3	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	.8	87.1	88.5	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	.8	88.1	89.5	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	.8	88.3	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	.8	89.5	90.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.8	91.0	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	.8	93.2	94.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	.8	93.2	94.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	.8	95.9	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	.8	96.3	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	1.0	43.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	1.0	61.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	1.0	61.7	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	1.0	62.1	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	1.0	64.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	1.2	69.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	1.2	74.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	1.4	75.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	1.4	77.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	1.4	78.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	1.4	78.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	1.4	80.2	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	1.4	80.5	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	1.4	82.9	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	1.4	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	1.6	88.3	89.9	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	1.9	92.8	94.4	94.9	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	2.1	94.4	95.9	96.7	96.9	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	2.1	94.4	95.9	96.7	96.9	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	2.1	95.1	96.7	97.5	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	2.1	95.7	97.5	98.2	98.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	.8	29.4	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
< 2000	1.1	47.7	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 1800	1.1	48.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 1600	1.1	48.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 1400	1.1	52.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1200	1.1	57.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1000	1.1	64.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 800	1.1	65.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 600	1.1	70.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 400	1.1	71.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 200	1.1	72.5	73.6	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 100	1.1	76.0	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 50	1.1	78.2	79.3	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 25	1.1	80.6	81.7	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 15	1.1	81.4	82.5	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10	1.1	84.1	85.2	86.8	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5	1.1	87.1	88.9	91.1	91.6	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2	1.1	89.2	91.1	93.5	94.3	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1	1.1	89.8	91.0	94.1	94.9	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 0.5	1.1	91.1	92.3	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0.25	1.1	91.4	93.5	96.2	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0.1	1.1	91.6	93.8	96.5	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0.05	1.1	91.6	93.8	96.5	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0.025	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.01	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.005	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.0025	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.001	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.0005	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.00025	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.0001	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.00005	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.000025	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.00001	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 371

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	.7	31.1	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 20000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	2.1	59.0	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	2.5	62.6	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	2.5	68.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	2.5	71.7	74.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	2.5	74.6	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	2.5	78.1	77.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	2.5	78.8	77.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	2.5	82.3	82.4	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	2.5	83.0	84.1	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	2.5	84.8	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	2.5	86.2	87.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	2.5	89.0	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	2.8	92.9	93.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	2.8	93.3	96.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	2.8	93.6	96.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	2.8	93.6	96.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING	1.3	59.7	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	1.3	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	1.3	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	1.3	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	1.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	1.3	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	1.3	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	1.3	92.5	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	1.3	92.5	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	1.3	95.0	95.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	1.3	95.6	95.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1600	1.3	96.2	96.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1400	1.3	96.2	96.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.3	96.2	96.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.3	96.9	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 159

CEILING VERSUS VISIBILITY

JUN
1964

ALL

TOTAL NUMBER OF OBSERVATIONS 2737

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 72-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	>	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	88.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 78

USAF ETAC 1-1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	69.1	81.1	83.8	84.9	85.3	87.3	88.0	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 18000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 14000	73.4	85.7	88.8	90.0	90.3	92.3	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 12000	73.7	86.1	89.2	90.3	90.7	92.7	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	75.7	88.4	91.5	92.7	93.1	95.0	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	78.0	91.1	94.2	96.1	96.5	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	78.0	91.1	94.2	96.1	96.5	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 259

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

67-70,73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	61.2	74.1	76.1	78.5	78.7	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7
≥ 2000	68.3	77.1	83.7	86.1	86.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4
≥ 1800	68.3	77.1	83.7	86.1	86.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4
≥ 1600	68.7	77.2	84.1	86.5	86.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8
≥ 1400	70.5	81.3	86.1	88.6	88.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8
≥ 1200	72.3	83.1	88.0	90.4	90.6	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 1000	74.7	85.7	90.8	93.4	93.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 900	75.9	86.9	92.4	95.0	95.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
≥ 800	76.1	87.1	92.6	95.2	95.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4
≥ 700	76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 600	76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 500	76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 450	76.7	87.7	93.2	95.8	96.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 400	76.9	88.0	93.6	96.4	96.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 350	76.9	88.0	93.6	96.4	96.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 300	76.9	88.0	93.6	96.4	96.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 250	77.5	88.6	94.2	97.0	97.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 200	77.5	88.6	94.2	97.0	97.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 1800	77.5	88.6	94.2	97.0	97.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 1500	77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 1200	77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 1000	77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 900	77.9	89.0	94.6	97.6	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 800	77.9	89.0	94.6	97.6	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 700	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 600	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 500	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

VISIBILITY - STATUTE MILES																
CEILING - FEET	≥ 10	24	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 20000	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
18000	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
16000	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
14000	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
12000	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
10000	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
9000	86.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
8000	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
7000	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
6000	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
5000	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
4500	90.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
4000	90.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
3500	90.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
3000	91.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2500	93.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2000	95.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1800	96.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	96.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	96.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 491

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

		VISIBILITY - STATUTE MILES															
		2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	20
1000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
900	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
800	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
700	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
600	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
500	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
400	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
300	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
200	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
100	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
50	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
1000	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
900	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
800	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
700	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
600	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
500	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
400	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
300	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
200	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
100	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
50	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1000	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
700	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
600	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
400	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
300	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
200	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
100	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
50	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 2000		54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 1800		54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 1600		54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 1400		57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1200		61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1000		68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 900		69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 800		72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 700		75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 600		76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 500		79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 450		80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 400		84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 350		88.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 300		91.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500		93.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0		95.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 317

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,74-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING																
≥ 20000		32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 18000		55.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000		56.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000		57.6	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000		59.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000		62.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000		67.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000		67.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000		71.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000		75.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000		77.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500		79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000		81.3	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500		82.1	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000		84.4	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500		87.1	90.6	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		87.5	91.5	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		89.7	94.2	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500		89.7	95.1	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200		89.7	95.1	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		90.6	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		90.6	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		90.6	96.4	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,74-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 12000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		53.6	57.3	58.4	59.0	59.1	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8
≥ 20000		67.6	71.4	72.7	73.3	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000		68.0	71.8	73.1	73.7	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000		68.3	72.1	73.4	74.0	74.1	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
≥ 14000		71.3	75.1	76.5	77.1	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 12000		73.6	77.6	78.9	79.5	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 10000		77.1	81.2	82.5	83.2	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 9000		78.1	82.2	83.6	84.3	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
≥ 8000		79.4	83.7	85.1	85.7	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000		80.9	85.2	86.6	87.3	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 6000		81.3	85.6	87.0	87.7	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
≥ 5000		82.1	86.4	87.9	88.6	88.7	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4
≥ 4500		82.5	86.8	88.2	89.0	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 4000		83.5	88.0	89.5	90.2	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500		85.0	89.0	91.1	91.9	92.0	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
≥ 3000		87.1	92.1	93.8	94.7	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500		89.2	94.3	96.1	97.0	97.1	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000		90.1	95.3	97.1	98.1	98.2	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800		90.2	95.4	97.2	98.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500		90.3	95.5	97.4	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		90.3	95.6	97.4	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		90.4	95.7	97.5	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900		90.4	95.8	97.6	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800		90.4	95.8	97.6	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700		90.4	95.8	97.7	98.8	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		90.4	95.8	97.7	98.8	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 300		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2490

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		66.1	70.3	72.0	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000		76.3	80.5	83.1	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000		76.3	80.5	83.1	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000		80.5	84.7	87.3	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000		80.5	84.7	87.3	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000		84.7	87.3	91.5	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000		84.7	87.3	91.5	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000		87.3	91.5	94.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 118

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	72.9	82.9	84.6	86.0	86.3	86.9	86.9	86.9	86.9	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000	76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 18000	76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 16000	76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 14000	77.4	81.4	89.1	90.9	91.1	92.0	92.0	92.0	92.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	78.6	80.6	90.3	92.0	92.3	93.1	93.1	93.1	93.1	93.4	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000	81.4	91.4	93.1	94.9	95.1	96.0	96.0	96.0	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000	82.3	92.3	94.0	95.7	96.0	96.9	96.9	96.9	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	83.1	93.1	94.9	96.6	96.9	97.7	97.7	97.7	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	83.4	93.4	95.1	96.9	97.1	98.0	98.0	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	83.4	93.4	95.1	96.9	97.1	98.0	98.0	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	84.0	94.0	95.7	97.4	97.7	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1600	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1400	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	64.4	72.0	76.4	78.2	78.9	80.2	80.9	80.9	80.9	80.9	81.3	81.5	81.5	81.5	81.5	81.5
≥ 20000	70.8	77.5	83.5	85.5	86.2	87.7	88.4	88.4	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9
≥ 18000	70.8	77.5	83.5	85.5	86.2	87.7	88.4	88.4	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9
≥ 16000	71.1	77.7	83.8	85.8	86.6	88.0	88.7	88.7	88.7	88.7	89.1	89.3	89.3	89.3	89.3	89.3
≥ 14000	72.8	81.5	85.5	87.5	88.2	89.7	90.4	90.4	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9
≥ 12000	75.1	84.0	88.0	90.0	90.7	92.2	92.9	92.9	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.5
≥ 10000	78.0	88.9	90.9	92.9	93.6	95.1	95.8	95.8	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4
≥ 9000	79.3	88.2	92.2	94.2	94.9	96.4	97.1	97.1	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6
≥ 8000	80.4	87.5	93.5	95.5	96.2	97.6	98.4	98.4	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9
≥ 7000	80.6	87.7	93.6	95.6	96.4	97.8	98.5	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1
≥ 6000	80.6	87.7	93.6	95.6	96.4	97.8	98.5	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1
≥ 5000	80.8	87.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 4500	80.8	87.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 4000	80.8	87.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 3500	80.8	87.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 3000	81.1	90.2	94.2	96.2	96.9	98.4	99.1	99.1	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6
≥ 2500	81.1	90.2	94.2	96.2	96.9	98.4	99.1	99.1	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6
≥ 2000	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1800	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1500	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1200	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1000	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 900	81.3	90.4	94.4	96.4	97.1	98.5	99.2	99.2	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8
≥ 800	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 700	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 600	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 500	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70-73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	63.4	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	78.3	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	78.5	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	79.1	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	83.1	84.3	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	85.2	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 11000	88.3	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	89.4	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000	90.3	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	90.5	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	91.1	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	91.1	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	91.1	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	91.3	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	91.3	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	92.9	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	94.2	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	96.5	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.7	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.3	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.3	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING		46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000		64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000		65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000		65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000		67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000		69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000		73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000		75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000		78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000		78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000		78.6	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000		79.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500		79.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000		80.7	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		82.7	83.2	83.8	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000		88.5	89.2	90.0	90.5	90.5	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		93.9	94.4	96.5	97.0	97.0	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000		94.8	96.5	97.6	98.3	98.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800		94.8	96.5	97.6	98.3	98.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500		95.0	96.7	97.8	98.5	98.5	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
900		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
800		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
700		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
600		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
500		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
400		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
300		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
200		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
100		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO. CEILING ≥ 25000	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 18000	56.3	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	56.6	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	59.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	74.6	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	77.4	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	80.7	80.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	80.7	80.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	81.7	81.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	83.8	83.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	88.7	88.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	92.0	92.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	93.6	93.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	94.2	94.2	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	94.2	94.2	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	94.2	94.2	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	94.2	94.2	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0	94.5	94.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	41.3	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 2000	61.4	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1800	62.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 1600	63.6	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1400	66.8	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1200	72.8	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 1000	79.9	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	81.0	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 800	82.6	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 700	83.2	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 600	83.7	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 500	85.3	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 450	87.0	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 400	87.5	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 350	88.0	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 300	89.1	92.4	93.5	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 250	91.8	95.1	96.2	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	92.9	96.2	97.8	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	92.9	96.2	97.8	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1600	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 184

USAF-ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 12000	60.4	61.7	62.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	74.0	75.3	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	74.7	76.0	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	75.3	76.6	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	80.5	81.8	82.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	84.4	85.7	86.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	89.6	90.9	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	90.9	92.2	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	94.2	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 150	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 75	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 50	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 25	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 10	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ .5	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ .25	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ .1	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ .05	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ .01	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 154

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70-73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	56.6	60.1	61.1	61.9	62.1	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	69.7	73.4	74.7	75.6	75.8	76.2	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	70.0	73.7	75.0	75.9	76.1	76.5	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	70.4	74.1	75.4	76.3	76.5	76.9	77.0	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	73.2	76.9	78.2	79.1	79.3	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	75.8	79.5	80.9	81.7	82.0	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	80.3	84.2	85.5	86.4	86.6	87.0	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	81.7	85.9	87.0	87.8	88.1	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	83.4	87.3	88.7	89.6	89.8	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	83.9	88.0	89.4	90.2	90.4	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	84.0	88.1	89.5	90.4	90.7	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	84.4	88.5	89.9	90.8	91.0	91.4	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 400	84.7	88.7	90.1	91.1	91.3	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 350	85.3	89.5	90.9	91.8	92.0	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 300	86.3	90.5	91.9	92.9	93.1	93.5	93.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 250	88.3	92.5	94.0	95.0	95.2	95.7	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	90.0	94.3	95.9	96.9	97.1	97.9	98.0	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	90.7	95.1	96.8	97.9	98.2	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	90.8	95.2	96.9	98.1	98.4	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	90.9	95.3	97.0	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	91.1	95.5	97.2	98.4	98.6	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.1	95.5	97.2	98.4	98.6	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-75, 78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	20
NO CEILING	61.8	72.3	75.3	77.5	77.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	83.1
2 700	69.7	82.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	91.0	92.1	92.1
1800	69.7	82.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	91.0	92.1	92.1
1500	69.7	82.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	91.0	92.1	92.1
1200	70.8	82.1	84.3	86.5	86.5	91.0	91.0	91.0	91.0	92.1	92.1	92.1	92.1	92.1	93.3	93.3
1000	71.9	82.1	86.5	88.8	88.8	93.3	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	95.5	95.5
800	75.3	82.9	89.9	92.1	92.1	96.6	96.6	96.6	96.6	97.8	97.8	97.8	97.8	97.8	98.9	98.9
600	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
400	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
100	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
50	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
25	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
10	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2	76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 89

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLOKUA

09-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		64.8	77.9	82.6	85.4	85.4	87.3	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
>20000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>18000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>16000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>14000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>12000		68.1	84.9	87.3	90.1	90.1	92.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
>10000		68.5	85.0	88.3	91.1	91.1	93.0	93.0	93.0	93.9	93.9	93.9	93.9	93.9	93.9	94.4
>9000		69.0	84.0	88.7	91.5	91.5	93.4	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8
>8000		69.0	84.0	88.7	91.5	91.5	93.4	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8
>7000		70.4	85.4	90.1	93.0	93.0	94.8	94.8	94.8	95.8	95.8	95.8	95.8	95.8	95.8	96.2
>6000		71.8	86.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>5000		71.8	86.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>4500		71.8	86.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>4000		71.8	86.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>3500		71.8	86.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>3000		72.3	87.3	92.0	94.8	94.8	96.7	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1
>2500		72.3	87.3	92.0	94.8	94.8	96.7	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1
>2000		72.8	87.8	92.5	95.3	95.3	97.2	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.6
>1800		72.8	87.8	92.5	95.3	95.3	97.2	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.6
>1500		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>1200		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>1000		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>900		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>800		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>700		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
>600		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
>500		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>400		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>300		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>200		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>100		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>0		73.2	88.3	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 213

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLOKUA

69-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000		51.7	61.0	66.7	71.5	72.3	74.1	74.7	74.7	75.8	75.8	75.8	76.4	76.4	76.4	76.6
≥ 18000		56.6	69.8	72.5	77.6	78.4	80.8	81.6	81.6	82.8	83.4	83.4	84.2	84.2	84.6	84.8
≥ 16000		57.0	67.1	73.3	78.6	79.4	81.8	82.6	82.6	83.8	84.4	84.4	85.3	85.3	85.7	85.9
≥ 14000		57.4	67.5	73.7	79.0	79.8	82.2	83.0	83.0	84.2	84.8	84.8	85.7	85.7	86.1	86.3
≥ 12000		59.2	67.8	75.8	81.2	82.0	84.4	85.3	85.3	86.5	87.1	87.1	87.9	87.9	88.3	88.5
≥ 10000		60.4	71.1	77.8	83.2	84.0	86.5	87.3	87.3	88.5	89.1	89.1	89.9	89.9	90.3	90.5
≥ 9000		61.0	71.7	78.4	83.8	84.6	87.1	87.9	87.9	89.1	89.7	89.7	90.5	90.5	90.9	91.1
8000		61.8	72.7	79.4	84.8	85.7	88.1	88.9	88.9	90.1	90.7	90.7	91.5	91.5	91.9	92.1
≥ 7000		62.0	72.9	79.6	85.1	85.9	88.3	89.1	89.1	90.3	90.9	90.9	91.7	91.7	92.1	92.3
≥ 6000		62.6	73.3	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 5000		62.6	73.3	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 4500		62.6	73.3	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 4000		62.6	73.3	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 3500		63.0	73.9	80.6	86.1	86.9	89.3	90.1	90.1	91.3	91.9	91.9	92.7	92.7	93.1	93.3
≥ 3000		63.8	74.7	81.4	86.9	87.7	90.1	90.9	90.9	92.1	92.7	92.7	93.5	93.5	93.9	94.1
≥ 2500		63.8	74.7	81.4	86.9	87.7	90.1	90.9	90.9	92.1	92.7	92.7	93.5	93.5	93.9	94.1
≥ 2000		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	93.9	93.9	94.3	94.5
≥ 1800		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	93.9	93.9	94.3	94.5
≥ 1500		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	93.9	93.9	94.3	94.5
≥ 1200		64.4	75.8	82.4	87.9	88.7	91.1	91.9	91.9	93.1	93.7	93.7	94.5	94.5	94.9	95.1
≥ 1000		64.4	75.8	82.4	87.9	88.7	91.1	91.9	91.9	93.1	93.7	93.7	94.5	94.5	94.9	95.1
≥ 900		64.4	75.8	82.4	87.9	88.7	91.1	91.9	91.9	93.1	93.7	93.7	94.5	94.5	94.9	95.1
≥ 800		65.1	76.4	83.4	88.9	89.7	92.1	92.9	92.9	94.1	94.7	94.7	95.5	95.5	95.9	96.1
≥ 700		65.5	76.8	83.8	89.3	90.1	92.5	93.3	93.3	94.5	95.1	95.1	95.9	95.9	96.3	96.5
≥ 600		65.5	76.8	83.8	89.3	90.1	92.5	93.3	93.3	94.5	95.1	95.1	95.9	95.9	96.3	96.5
≥ 500		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7
≥ 400		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7
≥ 300		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7
≥ 200		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7
≥ 100		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7
≥ 0		65.9	77.2	84.2	90.5	91.3	93.7	94.5	94.5	95.7	96.3	96.3	97.1	97.1	97.5	97.7

TOTAL NUMBER OF OBSERVATIONS 495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

09-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	.6	56.1	56.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	.6	74.2	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000	.6	74.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	.6	75.2	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	.6	76.4	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	.6	80.5	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 10000	.6	83.0	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	.6	83.8	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	.6	84.6	87.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	.6	85.0	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	.6	85.5	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	.6	86.1	88.9	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	.6	86.3	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	.6	87.1	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	.6	88.1	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.6	89.2	92.2	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	.6	90.6	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	.6	92.2	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	.6	93.0	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	.6	93.6	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	.6	94.3	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	.6	94.5	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	.6	95.3	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	.6	95.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	.6	95.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	.6	95.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	.6	95.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	.6	95.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 20000	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	79.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	82.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 50	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 10	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	37.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000	58.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	58.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	58.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	62.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	68.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	73.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	76.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	78.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	79.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	81.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	83.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	85.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	88.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	90.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	91.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	93.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	94.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	94.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 341

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12504

AVON PARK RANGE FLORIDA

69-70-73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING 20000	50.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	69.6	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	69.6	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	71.1	73.5	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	76.3	79.1	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	81.4	84.2	85.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	83.0	85.5	87.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	85.4	88.1	89.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	85.8	88.5	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	86.6	89.2	90.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	87.4	90.1	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	87.7	90.5	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	88.1	90.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	88.9	91.7	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	90.5	93.3	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	91.3	94.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	92.5	95.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	92.5	95.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	92.5	95.3	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	92.5	95.3	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 900	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 800	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 700	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 600	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 500	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 400	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 300	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		60.4	62.5	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000		72.7	71.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000		72.7	71.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000		73.4	74.4	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000		73.4	74.4	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000		76.3	81.3	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000		84.9	87.9	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9000		84.9	87.9	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000		87.1	94.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000		87.1	94.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000		87.1	94.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000		87.1	94.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500		87.1	94.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000		87.1	94.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500		87.1	94.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000		87.1	94.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500		87.1	94.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.5	94.2	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 2000	.1	50.9	52.8	57.4	58.7	58.9	59.6	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 1800	.1	65.6	70.3	72.5	73.9	74.0	74.8	75.0	75.0	75.3	75.3	75.3	75.6	75.6	75.8	75.8
≥ 1600	.1	65.9	70.8	72.8	74.2	74.4	75.2	75.3	75.3	75.6	75.8	75.8	76.0	76.0	76.1	76.2
≥ 1400	.1	66.1	71.1	73.1	74.5	74.7	75.5	75.6	75.6	76.0	76.1	76.1	76.3	76.3	76.4	76.5
≥ 1200	.1	67.4	72.5	74.4	75.9	76.0	76.8	77.0	77.0	77.3	77.5	77.5	77.6	77.6	77.7	77.8
≥ 1000	.1	71.2	76.4	78.6	80.2	80.3	81.1	81.3	81.3	81.6	81.7	81.7	81.9	81.9	82.0	82.1
≥ 900	.1	74.6	80.0	82.3	83.8	84.0	84.8	84.9	84.9	85.2	85.4	85.4	85.6	85.6	85.7	85.8
≥ 800	.1	75.0	81.0	83.3	84.9	85.0	85.8	86.0	86.0	86.3	86.5	86.5	86.6	86.6	86.7	86.8
≥ 700	.1	76.8	82.3	84.6	86.1	86.3	87.1	87.2	87.2	87.5	87.7	87.7	87.9	87.9	88.0	88.1
≥ 600	.1	77.4	82.9	85.2	86.7	86.9	87.7	87.8	87.8	88.1	88.3	88.3	88.5	88.5	88.6	88.7
≥ 500	.1	78.5	84.0	86.3	87.9	88.0	88.8	89.0	89.0	89.3	89.4	89.4	89.6	89.6	89.7	89.8
≥ 400	.1	78.8	84.4	86.7	88.3	88.4	89.2	89.4	89.4	89.7	89.8	89.8	90.0	90.0	90.1	90.2
≥ 300	.1	79.1	84.8	87.1	88.7	88.7	89.5	89.7	89.7	90.0	90.2	90.2	90.3	90.3	90.4	90.5
≥ 200	.1	79.6	85.2	87.5	89.1	89.2	90.0	90.2	90.2	90.6	90.7	90.7	90.9	90.9	91.0	91.1
≥ 100	.1	81.0	86.5	88.9	90.5	90.6	91.4	91.6	91.6	91.9	92.1	92.1	92.3	92.3	92.4	92.5
≥ 50	.1	82.9	88.5	90.9	92.6	92.8	93.7	93.9	93.9	94.2	94.4	94.4	94.5	94.5	94.6	94.7
≥ 25	.1	83.9	89.6	92.0	93.7	93.9	94.8	95.0	95.0	95.4	95.5	95.5	95.7	95.7	95.8	95.9
≥ 10	.1	85.3	91.0	93.5	95.2	95.4	96.2	96.5	96.5	96.9	97.0	97.0	97.2	97.2	97.3	97.4
≥ 5	.1	85.7	91.3	93.8	95.6	95.8	96.7	96.9	96.9	97.3	97.4	97.4	97.6	97.6	97.7	97.8
≥ 2	.1	85.9	91.6	94.1	96.0	96.2	97.1	97.3	97.3	97.7	97.8	97.8	98.0	98.0	98.1	98.2
≥ 1	.1	86.2	91.9	94.4	96.3	96.5	97.4	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.5	98.5
≥ 0.5	.1	86.2	92.0	94.6	96.5	96.6	97.6	97.9	97.9	98.3	98.5	98.5	98.7	98.7	98.8	98.8
≥ 0.25	.1	86.4	92.2	94.7	96.7	96.9	97.8	98.1	98.1	98.5	98.7	98.7	98.9	98.9	99.0	99.1
≥ 0.1	.1	86.6	92.4	95.0	97.0	97.2	98.1	98.5	98.5	98.8	99.0	99.0	99.2	99.2	99.3	99.4
≥ 0.05	.1	86.7	92.5	95.1	97.1	97.3	98.2	98.5	98.5	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 0.025	.1	86.7	92.5	95.1	97.1	97.3	98.3	98.6	98.6	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 0.01	.1	86.7	92.6	95.2	97.2	97.4	98.4	98.7	98.7	99.1	99.3	99.3	99.5	99.5	99.7	99.8
≥ 0.005	.1	86.7	92.6	95.2	97.2	97.4	98.4	98.7	98.8	99.1	99.3	99.3	99.5	99.6	99.8	99.9
≥ 0.0025	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0.001	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0
≥ 0.0005	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69,75

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9500		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥8	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥0
NO CEILING ≥ 20000	57.1	68.9	72.0	77.6	78.3	78.9	78.9	78.9	79.5	79.5	79.5	79.5	79.5	80.1	80.1
≥ 18000	60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 16000	60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 14000	60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 12000	60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 10000	61.5	74.7	77.6	83.2	83.9	85.1	85.1	85.1	85.7	85.7	85.7	85.7	85.7	86.3	86.3
≥ 9000	62.1	74.7	78.3	83.9	84.5	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0
≥ 8000	62.1	74.7	78.3	83.9	84.5	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0
≥ 7000	62.7	75.2	78.9	84.5	85.1	86.3	86.3	86.3	87.0	87.0	87.0	87.0	87.0	87.6	87.6
≥ 6000	64.6	77.0	81.4	87.0	87.6	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	90.1	90.1
≥ 5000	64.6	77.0	81.4	87.0	87.6	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	90.1	90.1
≥ 4500	65.2	77.0	82.0	87.6	88.2	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.7	90.7
≥ 4000	66.5	78.3	83.2	88.8	89.4	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.9	91.9
≥ 3500	66.5	78.3	83.2	88.8	89.4	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.9	91.9
≥ 3000	67.1	78.3	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 2500	67.1	78.3	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 2000	67.1	78.3	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 1800	67.1	78.3	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 1600	67.1	78.3	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 1400	69.6	82.0	86.3	91.9	92.5	93.8	93.8	93.8	94.4	94.4	94.4	94.4	94.4	95.0	95.0
≥ 1200	69.6	82.0	86.3	92.5	93.2	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.7	95.7
≥ 1000	69.6	82.0	86.3	92.5	93.2	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.7	95.7
≥ 900	69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 800	69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 700	69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 600	69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 500	69.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 400	69.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 300	69.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 200	69.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 100	69.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 0	59.6	82.0	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70,73-78
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		48.9	58.7	64.1	67.6	68.0	68.8	69.0	69.0	69.0	69.2	69.4	69.4	69.4	69.6
≥ 20000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8
≥ 18000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8
≥ 16000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8
≥ 14000		54.6	65.3	71.3	74.9	75.6	76.6	76.8	76.8	77.0	77.2	77.4	77.4	77.4	77.8
≥ 12000		56.3	67.1	73.1	76.8	77.6	78.6	78.9	78.9	79.1	79.3	79.5	79.5	79.5	79.9
≥ 10000		59.8	71.0	77.0	80.7	81.5	82.5	82.8	82.8	83.0	83.2	83.4	83.6	83.6	84.2
≥ 9000		60.6	72.3	78.2	82.1	83.0	84.0	84.2	84.2	84.4	84.6	84.8	85.0	85.0	85.6
≥ 8000		62.0	73.9	79.9	83.8	84.6	85.6	85.8	85.8	86.0	86.2	86.4	86.7	86.7	87.3
≥ 7000		63.7	75.9	81.5	85.4	86.2	87.3	87.5	87.5	87.7	87.9	88.1	88.3	88.3	88.9
≥ 6000		64.5	76.6	82.5	86.9	87.7	88.7	88.9	88.9	89.1	89.3	89.5	89.7	89.7	90.3
≥ 5000		65.3	77.8	83.8	88.1	88.9	89.9	90.1	90.1	90.3	90.6	90.8	91.0	91.0	91.6
≥ 4500		65.7	78.2	84.2	88.5	89.3	90.3	90.6	90.6	90.8	91.0	91.2	91.4	91.4	92.0
≥ 4000		65.9	78.4	84.4	88.7	89.5	90.6	90.8	90.8	91.0	91.2	91.4	91.6	91.6	92.2
≥ 3500		67.1	79.7	85.8	90.3	91.2	92.2	92.4	92.4	92.6	92.8	93.0	93.2	93.2	93.8
≥ 3000		67.6	80.1	86.2	90.8	91.6	92.6	92.8	92.8	93.0	93.2	93.4	93.6	93.6	94.2
≥ 2500		68.0	80.5	86.7	91.2	92.0	93.0	93.2	93.2	93.4	93.6	93.8	94.0	94.0	94.7
≥ 2000		68.2	80.7	86.9	91.4	92.2	93.2	93.4	93.4	93.6	93.8	94.0	94.2	94.2	94.9
≥ 1800		68.2	80.7	86.9	91.4	92.2	93.2	93.4	93.4	93.6	93.8	94.0	94.2	94.2	94.9
≥ 1500		68.4	80.9	87.1	91.6	92.4	93.4	93.6	93.6	93.8	94.0	94.2	94.5	94.5	95.1
≥ 1200		68.4	80.9	87.1	91.6	92.4	93.4	93.6	93.6	93.8	94.0	94.2	94.5	94.5	95.1
≥ 1000		68.6	81.3	87.5	92.0	92.8	93.8	94.0	94.0	94.5	94.7	94.9	95.2	95.2	95.9
≥ 900		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	95.9	96.1	96.3	96.5	96.7	97.3
≥ 800		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.5
≥ 700		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.9
≥ 600		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.9
≥ 500		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.4
≥ 400		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.4
≥ 300		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.8
≥ 200		69.2	82.3	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0
≥ 100		69.2	82.3	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0
≥ 0		69.2	82.3	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 487

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		60.2	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000		69.8	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000		70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000		70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000		72.0	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000		74.7	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000		79.6	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000		81.2	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000		83.3	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000		85.5	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		87.6	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		88.4	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		88.4	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000		88.6	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		89.2	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000		90.4	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500		91.2	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		92.2	93.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800		92.4	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1600		92.4	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1400		93.7	94.5	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		95.1	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		95.1	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900		95.1	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800		95.1	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700		95.7	96.5	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600		95.7	96.5	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 0		95.9	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 510

CEILING VERSUS VISIBILITY

ACT

1200-1400

FIRE, FEET		DISTANCE, SQUARE MILES															
		20	26	25	24	23	22	22	21	21	21	20	20	20	20	20	
20	FEET	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
2	1800	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
2	1674	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
2	1500	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
2	1400	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
2	1200	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
2	1000	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
2	900	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
2	800	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
2	700	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
2	600	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
2	500	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
2	400	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
2	300	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
2	250	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
2	200	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
2	150	95.7	95.9	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
2	100	96.3	97.1	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
2	50	97.1	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
2	0	97.1	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
2	100	97.1	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
2	200	97.1	98.2	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2	300	97.1	98.2	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
2	400	97.1	98.2	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
2	500	97.1	98.2	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
2	600	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	700	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	800	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	900	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1000	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1100	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1200	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1300	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1400	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1500	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1600	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1700	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1800	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	1900	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2	2000	97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 513

USAF ETAC 0-14-5 (OL A); PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
2-2999	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3-599	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
6-999	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
10-1499	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
15-1999	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
20-2499	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
25-2999	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
30-3499	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
35-3999	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
40-4499	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
45-4999	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
50-5499	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
55-5999	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
60-6499	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
65-6999	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
70-7499	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
75-7999	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
80-8499	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
85-8999	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
90-9499	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95-9999	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
10000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 429

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	22	22	21	21	20	20	19	18	17	16	15	10
21000	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
20000	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
18000	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
16000	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
14000	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
12000	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
10000	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
9000	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
8000	85.2	85.9	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
7000	87.0	87.0	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
6000	89.6	90.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
5000	91.1	91.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
4500	92.2	93.0	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
4000	93.0	93.7	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
3500	93.3	94.4	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
3000	94.1	95.2	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2500	95.2	96.3	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2000	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1800	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1600	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1400	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1200	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
900	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
800	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
600	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
500	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
400	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
300	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
100	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	95.6	96.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69,74-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING ≥ 20000	69.7	72.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	71.1	70.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	71.1	70.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	71.1	70.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	73.7	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	73.7	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	76.3	81.0	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	76.3	81.0	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	77.6	82.9	85.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	80.3	85.5	88.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	81.6	86.8	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	84.2	89.5	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	85.5	90.8	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	86.8	92.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	86.8	92.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	86.8	92.1	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.8	92.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 76

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING																
≥ 2000	55.3	58.5	59.7	60.8	60.9	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 1800	64.9	68.2	69.6	70.7	70.9	71.2	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4
≥ 1600	65.1	68.4	69.8	70.9	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 1400	65.2	68.6	69.9	71.0	71.2	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8
≥ 1200	66.4	69.7	71.1	72.3	72.4	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 1000	69.6	72.1	74.5	75.7	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5
≥ 800	73.4	77.0	78.4	79.6	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.5	80.5
≥ 600	74.4	77.1	79.6	80.8	81.0	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.7	81.7
≥ 400	76.8	80.6	82.2	83.4	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.3	84.3
≥ 200	79.2	82.0	84.5	85.8	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.7
≥ 100	80.6	84.4	86.0	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.4	88.4
≥ 50	81.7	82.6	87.3	88.7	88.9	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.6	89.6
≥ 25	82.3	82.2	87.8	89.3	89.5	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.2	90.2
≥ 10	83.3	87.2	88.9	90.3	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2
≥ 5	84.6	88.6	90.3	91.8	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7
≥ 2	85.7	89.9	91.7	93.2	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2
≥ 1	86.9	91.3	93.2	94.8	95.1	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	96.0	96.0
≥ 0.5	87.4	91.9	93.9	95.6	95.9	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8
≥ 0.25	87.5	92.0	94.0	95.7	96.1	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	97.0	97.0
≥ 0.1	88.0	92.3	94.6	96.3	96.7	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6
≥ 0.05	88.1	92.7	94.7	96.5	96.9	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.9	97.9
≥ 0.025	88.4	93.1	95.1	96.9	97.3	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥ 0.01	88.6	93.3	95.3	97.3	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9
≥ 0.005	88.7	93.5	95.7	97.5	97.9	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1
≥ 0.0025	88.7	93.5	95.7	97.5	98.0	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.3	99.3
≥ 0.001	88.7	93.6	95.8	97.6	98.1	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.4	99.4
≥ 0.0005	88.7	93.6	95.9	97.7	98.2	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 0.00025	88.7	93.6	95.9	97.7	98.2	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.9	99.9
≥ 0.0001	88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.9	99.9
≥ 0.00005	88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.6	100.0	100.0
≥ 0.000025	88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥20000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥16000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥14000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥10000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥8000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥7000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥6000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 74-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 20000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 18000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 15000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 14000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 12000		52.4	65.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	74.6
≥ 10000		52.4	65.1	69.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	76.2
≥ 9000		52.4	65.1	69.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	76.2
≥ 8000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 7000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 6000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 5000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 4500		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 4000		58.7	71.4	76.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	82.5
≥ 3500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 3000		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 2500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 2000		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1800		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1200		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1000		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 900		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 800		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 700		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 600		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 400		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 300		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 200		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 100		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 0		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1

TOTAL NUMBER OF OBSERVATIONS 63

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	40.2	47.7	52.7	55.9	57.0	58.9	60.0	60.0	61.6	62.5	62.5	63.6	63.9	65.0	66.6
≥ 20000	42.7	50.9	56.4	60.0	61.1	63.0	64.1	64.1	65.7	66.8	66.8	68.0	68.2	70.0	71.8
≥ 18000	43.2	51.4	56.8	60.5	61.6	63.4	64.5	64.5	66.1	67.3	67.3	68.4	68.6	70.5	72.3
≥ 16000	43.2	51.4	56.8	60.5	61.6	63.4	64.5	64.5	66.1	67.3	67.3	68.4	68.6	70.5	72.3
≥ 14000	43.6	52.0	57.5	61.1	62.5	64.3	65.5	65.5	67.0	68.2	68.2	69.3	69.5	71.4	73.2
≥ 12000	44.5	53.0	58.4	62.0	63.4	65.2	66.4	66.4	68.0	69.1	69.1	70.2	70.5	72.3	74.1
≥ 10000	46.4	55.0	60.7	64.5	65.9	67.7	68.9	68.9	70.5	71.8	71.8	73.0	73.2	75.0	76.8
≥ 8000	47.0	55.7	61.6	65.5	66.8	68.6	69.8	69.8	71.4	72.7	72.7	73.9	74.1	75.9	77.7
≥ 6000	48.4	57.3	63.2	67.0	68.4	70.2	71.4	71.4	73.0	74.3	74.3	75.5	75.7	77.5	79.3
≥ 5000	50.2	59.3	65.2	69.1	70.5	72.3	73.4	73.4	75.2	76.6	76.6	77.7	78.0	79.8	81.6
≥ 4500	51.1	60.3	66.4	70.2	71.6	73.4	74.5	74.5	76.4	77.7	77.7	78.9	79.1	80.9	82.7
≥ 4000	52.5	61.8	67.7	71.6	73.0	74.8	75.9	75.9	77.7	79.1	79.1	80.2	80.5	82.3	84.1
≥ 3500	52.7	62.0	68.2	72.0	73.4	75.2	76.4	76.4	78.2	79.5	79.5	80.7	80.9	82.7	84.5
≥ 3000	54.3	63.9	70.0	73.9	75.2	77.0	78.2	78.2	80.0	81.4	81.4	82.5	82.7	84.5	86.4
≥ 2500	54.3	63.9	70.0	73.9	75.2	77.0	78.2	78.2	80.0	81.4	81.4	82.5	82.7	84.5	86.4
≥ 2000	55.2	65.0	71.1	75.0	76.4	78.4	79.5	79.5	81.4	83.2	83.2	84.3	84.8	86.6	88.4
≥ 1800	56.1	66.4	72.5	76.4	77.7	79.8	80.9	80.9	82.7	84.5	84.5	85.7	86.1	87.9	89.8
≥ 1600	56.4	66.6	72.7	76.6	78.0	80.0	81.1	81.1	83.0	84.8	84.8	85.9	86.4	88.2	90.0
≥ 1400	56.4	66.6	72.7	76.6	78.0	80.0	81.1	81.1	83.0	84.8	84.8	85.9	86.4	88.2	90.0
≥ 1200	56.6	67.0	73.2	77.0	78.4	80.5	81.6	81.6	83.4	85.2	85.2	86.4	86.8	88.6	90.5
≥ 1000	57.0	68.0	74.1	78.0	79.3	81.8	83.0	83.0	84.8	86.6	86.6	87.7	88.2	90.0	92.0
≥ 800	57.0	68.0	74.1	78.0	79.3	81.8	83.0	83.0	84.8	86.6	86.6	87.7	88.2	90.0	92.0
≥ 600	57.5	68.4	74.5	78.4	79.8	82.3	83.4	83.4	85.2	87.0	87.0	88.2	88.6	90.5	92.5
≥ 400	57.5	68.4	74.5	78.4	79.8	82.3	83.4	83.4	85.2	87.0	87.0	88.2	88.6	90.5	92.5
≥ 300	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 200	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 100	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 50	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 30	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 20	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 10	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 5	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 1	57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5

TOTAL NUMBER OF OBSERVATIONS 440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	60.0	62.5	63.1	63.3	63.3	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	66.6	67.5	70.1	70.3	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	66.6	67.5	70.1	70.3	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	67.0	67.9	70.5	70.7	70.7	71.1	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	67.4	70.3	70.9	71.1	71.1	71.5	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	69.9	72.7	73.4	73.6	73.6	74.0	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	72.3	75.2	75.8	76.0	76.0	76.4	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	75.0	77.9	78.5	78.7	78.7	79.1	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	76.6	79.5	80.1	80.3	80.3	80.7	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	79.7	82.6	83.4	83.6	83.6	84.0	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	80.9	84.0	84.6	84.8	84.8	85.5	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	81.6	84.8	85.5	85.7	85.7	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	83.0	86.3	86.9	87.1	87.1	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	83.4	86.9	87.5	87.7	87.7	88.3	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	83.8	87.3	87.9	88.3	88.3	88.9	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	84.4	87.9	88.5	88.9	88.9	89.5	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	84.6	88.1	88.7	89.1	89.1	89.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	85.5	88.9	89.5	90.0	90.0	90.6	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	85.7	89.1	89.8	90.2	90.2	90.8	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	85.9	89.3	90.2	90.6	90.6	91.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	86.3	89.8	90.6	91.0	91.0	91.6	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	87.1	90.8	91.6	92.0	92.0	92.6	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	87.7	91.4	92.2	92.6	92.6	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	88.3	92.0	93.2	93.6	93.6	94.2	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	88.9	92.8	94.3	94.9	94.9	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	89.5	93.4	95.1	95.9	95.9	96.5	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 488

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70,73-78

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥20000	.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥18000	.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥16000	.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥14000	.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥12000	.6	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥10000	.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥8000	.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥6000	.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥4000	.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥2000	.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥1000	.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥500	.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥200	.6	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥150	.6	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥100	.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥75	.6	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥50	.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥25	.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥15	.6	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥10	.6	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥7.5	.6	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥5	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥2.5	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1.5	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.75	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.5	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.25	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.15	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.1	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.05	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.025	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥0.01	.6	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70-73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
≥ 2000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1800	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1500	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1000	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 800	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 600	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 400	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 300	80.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 200	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 150	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 100	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 75	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 50	89.9	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 35	92.1	92.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 30	93.7	93.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 25	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 20	95.7	95.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	95.7	95.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 75	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

69-70, 75-78

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
NO CEILING	83.3	83.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1600	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1400	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 75	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 25	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 15	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 66

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

69-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
NO CEILING	.3	55.9	59.4	59.8	60.5	60.7	61.2	61.4	61.4	61.8	62.0	62.0	62.2	62.2	62.5	62.9
≥ 2000	.2	63.1	65.2	67.4	68.2	68.4	68.9	69.2	69.2	69.5	69.8	69.8	70.0	70.0	70.4	70.9
≥ 1800	.3	63.5	65.2	67.7	68.5	68.8	69.2	69.5	69.5	69.9	70.1	70.1	70.3	70.4	70.8	71.2
≥ 1600	.2	63.5	65.2	67.8	68.6	68.9	69.3	69.6	69.6	70.0	70.2	70.2	70.4	70.5	70.8	71.3
≥ 1400	.3	63.9	65.7	68.3	69.1	69.4	69.8	70.1	70.1	70.5	70.7	70.7	70.9	71.0	71.3	71.8
≥ 1200	.2	66.2	68.9	70.5	71.3	71.6	72.0	72.3	72.3	72.7	72.9	72.9	73.1	73.2	73.5	74.0
≥ 1000	.3	68.7	71.6	73.2	74.1	74.4	74.8	75.1	75.1	75.5	75.8	75.8	76.0	76.0	76.4	76.9
≥ 800	.2	70.8	73.8	75.4	76.3	76.6	77.0	77.3	77.3	77.7	78.0	78.0	78.2	78.2	78.6	79.1
≥ 600	.3	73.1	76.0	77.7	78.5	78.8	79.3	79.6	79.6	79.9	80.2	80.2	80.4	80.5	80.8	81.3
≥ 400	.2	75.3	78.4	80.0	80.9	81.2	81.6	81.9	81.9	82.3	82.6	82.6	82.8	82.9	83.2	83.7
≥ 200	.3	77.1	80.3	81.9	82.8	83.1	83.6	83.9	83.9	84.3	84.5	84.5	84.8	84.8	85.2	85.7
≥ 100	.3	78.7	82.0	83.6	84.5	84.8	85.3	85.6	85.6	86.0	86.3	86.3	86.5	86.5	86.9	87.4
≥ 50	.3	79.5	82.8	84.5	85.4	85.5	86.1	86.4	86.4	86.8	87.1	87.1	87.3	87.4	87.7	88.2
≥ 25	.3	80.3	83.6	85.4	86.3	86.6	87.1	87.4	87.4	87.8	88.1	88.1	88.3	88.4	88.7	89.2
≥ 15	.3	81.4	84.9	86.7	87.6	87.8	88.3	88.6	88.6	89.0	89.4	89.4	89.6	89.7	90.0	90.5
≥ 10	.3	82.5	85.9	87.7	88.6	88.7	89.4	89.7	89.7	90.1	90.4	90.4	90.7	90.8	91.1	91.6
≥ 5	.3	83.6	87.1	88.9	89.9	90.1	90.7	91.0	91.0	91.4	91.8	91.8	92.0	92.1	92.5	93.0
≥ 3	.3	84.2	87.9	89.7	90.7	91.0	91.5	91.8	91.8	92.2	92.6	92.6	92.9	93.0	93.3	93.8
≥ 2	.3	84.3	88.0	89.8	90.8	91.1	91.6	91.9	91.9	92.3	92.7	92.7	93.0	93.1	93.4	93.9
≥ 1	.2	85.2	88.9	90.8	91.8	92.1	92.6	93.0	93.0	93.4	93.7	93.7	94.0	94.1	94.3	94.8
≥ .75	.3	85.4	89.2	91.1	92.1	92.4	92.9	93.3	93.3	93.7	94.1	94.1	94.3	94.4	94.8	95.3
≥ .5	.3	85.8	89.6	91.8	92.8	93.1	93.6	94.1	94.1	94.5	94.9	94.9	95.2	95.3	95.6	96.2
≥ .3	.3	86.0	90.0	92.0	93.1	93.3	94.1	94.4	94.4	94.8	95.2	95.2	95.5	95.6	95.9	96.5
≥ .25	.3	86.3	90.3	92.4	93.5	93.7	94.5	94.9	94.9	95.3	95.6	95.6	95.9	96.0	96.4	96.9
≥ .2	.3	86.4	90.5	92.7	93.9	94.1	94.9	95.3	95.3	95.7	96.1	96.1	96.4	96.5	96.8	97.4
≥ .15	.3	86.6	90.7	93.0	94.3	94.6	95.4	95.8	95.8	96.3	96.6	96.6	96.9	97.0	97.4	97.9
≥ .1	.3	86.7	90.8	93.2	94.7	95.0	96.2	96.6	96.6	97.2	97.7	97.7	98.0	98.1	98.5	99.0
≥ .075	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	97.9	97.9	98.2	98.3	98.7	99.2
≥ .05	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.0	98.4	98.5	98.9	99.4
≥ .025	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.1	98.5	98.6	99.0	99.5
≥ .01	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.1	98.5	98.6	99.0	99.5

TOTAL NUMBER OF OBSERVATIONS 2219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

68-70-74-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
2000	52.3	59.8	56.8	61.4	61.4	61.4	61.4	61.4	63.6	63.6	63.6	63.6	63.6	63.6	63.9	65.9
1800	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
1600	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
1400	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
1200	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
1000	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
800	54.5	57.1	59.1	63.6	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
600	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5
400	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5
200	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	68.2	70.5	70.5
100	56.8	61.4	63.6	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	70.5	70.5	70.5	72.7	72.7
50	56.8	63.6	65.9	70.5	70.5	70.5	70.5	70.5	72.7	72.7	72.7	72.7	72.7	72.7	75.0	75.0
30	61.4	68.2	70.5	75.0	75.0	75.0	75.0	75.0	77.3	77.3	77.3	77.3	77.3	77.3	79.5	79.5
15	63.6	70.5	72.7	77.3	77.3	77.3	77.3	77.3	79.5	79.5	79.5	79.5	79.5	79.5	81.8	81.8
10	65.9	72.7	75.0	81.8	81.8	81.8	81.8	81.8	84.1	84.1	84.1	84.1	84.1	84.1	86.4	86.4
5	68.2	75.0	77.3	84.1	84.1	84.1	84.1	84.1	86.4	86.4	86.4	86.4	86.4	86.4	88.6	88.6
3	68.2	75.0	77.3	84.1	84.1	84.1	84.1	84.1	86.4	86.4	86.4	86.4	86.4	86.4	88.6	88.6
2	68.2	77.3	79.5	86.4	86.4	86.4	86.4	86.4	88.6	88.6	88.6	88.6	88.6	88.6	90.9	90.9
1	68.2	77.3	79.5	86.4	86.4	86.4	86.4	86.4	88.6	88.6	88.6	88.6	88.6	88.6	90.9	90.9
0.5	70.5	79.5	81.8	88.6	88.6	88.6	88.6	88.6	90.9	90.9	90.9	90.9	90.9	90.9	92.2	92.2
0.3	70.5	79.5	81.8	88.6	88.6	88.6	88.6	88.6	90.9	90.9	90.9	90.9	90.9	90.9	92.2	92.2
0.2	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.1	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.05	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.03	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.02	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.01	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.005	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.003	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.002	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5
0.001	72.7	81.8	84.1	90.9	90.9	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	93.2	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 44

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

68-70, 73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
≥ 10000	38.9	40.7	52.9	59.8	60.7	62.4	62.9	62.9	63.6	54.2	64.2	65.6	66.0	67.1	67.8	67.8
≥ 8000	40.4	50.2	54.4	61.3	62.2	64.0	64.4	64.4	65.3	66.0	66.0	67.3	67.8	69.1	69.8	69.8
≥ 6000	40.4	50.2	54.4	61.3	62.2	64.0	64.4	64.4	65.3	66.0	66.0	67.3	67.8	69.1	69.8	69.8
≥ 4000	41.1	50.9	55.1	62.0	62.9	64.7	65.1	65.1	66.0	66.7	66.7	68.0	68.4	69.8	70.4	70.4
≥ 2000	42.9	54.7	57.3	64.2	65.3	67.1	67.6	67.6	68.4	69.1	69.1	70.4	70.9	72.2	72.9	72.9
≥ 1000	44.2	54.0	58.7	65.6	66.7	68.4	68.9	68.9	69.8	70.4	70.4	71.8	72.2	73.8	74.4	74.4
≥ 800	44.2	54.0	58.7	65.6	66.7	68.4	68.9	68.9	69.8	70.4	70.4	71.8	72.2	73.8	74.4	74.4
≥ 600	44.7	54.4	59.1	66.0	67.1	68.9	69.3	69.3	70.2	70.9	70.9	72.2	72.7	74.2	74.9	74.9
≥ 400	45.3	55.2	60.0	67.3	68.4	70.2	70.7	70.7	71.6	72.2	72.2	73.6	74.0	75.6	76.2	76.2
≥ 200	45.8	55.8	60.4	68.2	69.3	71.1	71.6	71.6	73.4	73.1	73.1	74.4	74.9	76.4	77.1	77.1
≥ 100	47.3	57.3	62.2	70.0	71.1	72.9	73.3	73.3	74.2	74.9	74.9	76.2	76.7	78.2	78.9	78.9
≥ 50	47.6	58.0	62.9	70.7	71.8	73.6	74.0	74.0	74.9	75.6	75.6	76.9	77.3	78.9	79.6	79.6
≥ 25	48.4	58.9	64.9	72.7	73.8	75.6	76.0	76.0	76.9	77.6	77.6	78.9	79.3	80.9	81.6	81.6
≥ 15	49.1	60.2	65.6	73.3	74.4	76.2	76.7	76.7	77.6	78.2	78.2	79.6	80.0	81.6	82.2	82.2
≥ 10	50.0	61.6	67.1	74.9	76.0	77.8	78.2	78.2	79.1	79.8	79.8	81.1	81.6	83.1	84.4	84.4
≥ 5	51.8	63.4	69.3	77.1	78.2	80.0	80.4	80.4	81.3	82.0	82.0	83.3	83.8	85.3	86.7	86.7
≥ 2	52.2	64.2	70.2	78.0	79.1	81.1	81.6	81.6	82.4	83.1	83.1	84.4	84.9	86.4	87.8	87.8
≥ 1	52.2	64.2	70.2	78.0	79.1	81.1	81.6	81.6	82.4	83.1	83.1	84.4	84.9	86.4	87.8	87.8
≥ 1/2	54.4	67.8	73.3	81.1	82.2	84.2	84.9	84.9	85.8	86.4	86.4	87.8	88.2	89.8	91.1	91.1
≥ 1/4	54.9	67.8	74.0	81.8	82.9	84.9	85.8	85.8	86.7	87.3	87.3	88.7	89.1	90.7	92.0	92.0
≥ 1/8	54.9	68.2	74.9	82.7	83.8	85.8	86.7	86.7	87.6	88.2	88.2	89.6	90.0	91.6	92.9	92.9
≥ 1/16	55.6	67.1	75.8	83.6	84.7	86.7	87.6	87.6	88.4	89.1	89.1	90.7	91.1	92.7	94.0	94.0
≥ 1/32	55.6	67.1	75.8	84.0	85.1	87.1	88.0	88.0	88.9	89.6	89.6	91.6	92.0	93.8	95.1	95.1
≥ 1/64	55.6	67.1	76.0	84.2	85.3	87.8	88.7	88.7	89.6	90.7	90.7	92.9	93.3	95.1	96.4	96.4
≥ 1/128	55.6	67.1	76.0	84.2	85.3	88.0	88.9	88.9	90.0	91.3	91.3	93.8	94.2	96.9	98.4	98.4
≥ 1/256	55.6	67.1	76.0	84.4	85.6	88.4	89.3	89.3	90.4	91.8	91.8	94.2	94.7	97.3	99.3	99.3
≥ 1/512	55.6	67.1	76.0	84.4	85.6	88.7	89.6	89.6	91.1	92.4	92.4	94.9	95.3	98.0	100.0	100.0
≥ 1/1024	55.6	67.1	76.0	84.4	85.6	88.7	89.6	89.6	91.1	92.4	92.4	94.9	95.3	98.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

68-70,72-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
≥ 2000	60.5	62.9	65.5	66.5	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥ 1800	63.7	67.1	68.7	69.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5
≥ 1600	63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥ 1400	63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥ 1200	63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥ 1000	66.3	69.7	71.3	72.3	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥ 800	67.7	71.3	72.9	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7
≥ 600	68.9	72.5	74.1	75.0	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8
≥ 400	69.1	72.7	74.3	75.2	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0
≥ 200	70.5	74.1	76.2	77.2	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0
≥ 100	71.3	75.2	77.2	78.2	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 50	72.5	76.4	78.4	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 25	73.7	77.6	79.6	80.6	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4
≥ 15	75.4	79.4	81.4	82.4	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 10	76.2	80.2	82.2	83.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0
≥ 5	78.2	82.4	84.4	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥ 3	78.8	83.2	85.2	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥ 2	79.2	83.8	85.8	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
≥ 1	79.8	84.4	86.4	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
≥ 0.5	81.4	86.4	88.4	89.6	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
≥ 0.25	82.6	87.6	89.6	91.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 0.15	84.0	89.0	91.4	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
≥ 0.1	84.2	89.2	91.6	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 0.075	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.05	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.025	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.015	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.01	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.0075	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.005	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.0025	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.0015	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 0.001	84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0

TOTAL NUMBER OF OBSERVATIONS 501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

68-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	>10	10	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	63.7	64.3	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
800	68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
600	68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
400	69.1	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
200	71.7	72.3	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
100	73.6	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
75	74.6	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
50	74.8	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
25	76.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
15	77.3	78.3	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
10	78.9	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
7.5	80.1	81.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
5	81.1	82.6	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2.5	82.0	83.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
1.5	84.4	86.7	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1	85.7	87.9	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
0.75	86.9	89.1	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
0.5	87.3	90.0	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0.25	89.8	92.8	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0.15	90.4	93.4	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0.1	91.2	94.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
0.075	91.6	95.1	96.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
0.05	92.4	95.9	97.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0.025	92.4	95.9	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.015	92.4	95.9	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.01	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0075	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.005	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0025	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0015	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.001	93.0	96.5	97.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

68-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	210	20	25	34	33	32	31	30	29	28	27	26	25	24	23	20
NO CEILING	63.3	64.0	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2000	72.2	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
1800	72.4	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1600	72.4	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1400	72.6	73.3	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1200	75.4	76.1	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1000	78.7	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
800	79.4	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
600	79.8	80.5	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
400	82.4	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
200	84.9	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
100	85.8	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
50	87.5	88.2	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
25	89.3	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
15	90.5	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
10	92.6	93.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
5	93.3	94.0	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2	93.7	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1	93.7	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
0	94.7	95.0	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	95.1	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	95.6	97.0	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	95.6	97.0	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	96.3	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	97.9	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804

AVON PARK RANGE FLORIDA

68-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		78.4	72.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000		82.0	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800		82.0	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1600		82.0	82.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1400		82.4	82.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200		84.9	86.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000		86.1	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900		86.1	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800		86.1	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700		86.5	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600		87.3	89.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 500		89.4	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 450		91.0	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400		91.8	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 350		93.1	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300		94.7	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 250		94.7	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200		95.5	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		95.5	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		95.5	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLDKUA

68-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING	82.5	82.4	86.4	87.4	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 25000	83.5	80.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 18000	83.5	80.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	83.5	80.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	83.5	80.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 12000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	85.4	80.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	88.3	91.3	92.2	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	89.3	92.2	93.2	94.2	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	89.3	92.2	93.2	94.2	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

68-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0
NO. CEILING															
≥ 2000	60.5	62.9	65.4	67.3	67.6	68.1	68.2	68.2	68.4	68.5	68.5	68.8	68.9	69.1	69.3
≥ 1800	64.7	66.1	69.6	71.6	71.8	72.3	72.4	72.4	72.6	72.8	72.8	73.0	73.1	73.4	73.6
≥ 1600	64.8	66.2	69.7	71.6	71.9	72.4	72.5	72.5	72.7	72.9	72.9	73.1	73.2	73.5	73.7
≥ 1400	64.8	66.2	69.7	71.6	71.9	72.4	72.5	72.5	72.7	72.9	72.9	73.1	73.2	73.5	73.7
≥ 1200	65.1	66.5	70.0	71.9	72.1	72.6	72.8	72.8	73.0	73.1	73.1	73.4	73.5	73.8	73.9
≥ 1000	67.4	70.9	72.4	74.4	74.6	75.2	75.3	75.3	75.5	75.6	75.6	75.9	76.0	76.2	76.5
≥ 900	69.1	72.6	74.1	76.1	76.3	76.9	77.0	77.0	77.2	77.3	77.3	77.6	77.7	78.0	78.2
≥ 800	69.7	73.2	74.7	76.7	76.9	77.5	77.6	77.6	77.8	77.9	77.9	78.2	78.3	78.6	78.8
≥ 700	70.0	73.5	75.1	77.0	77.3	77.8	77.9	77.9	78.2	78.3	78.3	78.5	78.6	79.0	79.2
≥ 600	71.2	74.9	76.5	78.5	78.8	79.3	79.5	79.5	79.7	79.8	79.8	80.1	80.2	80.5	80.7
≥ 500	72.3	76.0	77.6	79.8	80.0	80.5	80.7	80.7	80.9	81.0	81.0	81.3	81.4	81.7	81.9
≥ 450	73.6	77.3	79.1	81.2	81.5	82.0	82.1	82.1	82.3	82.5	82.5	82.7	82.8	83.2	83.3
≥ 400	74.8	78.6	80.4	82.5	82.8	83.3	83.5	83.5	83.7	83.8	83.8	84.1	84.2	84.5	84.7
≥ 350	76.1	80.1	82.0	84.2	84.5	85.0	85.1	85.1	85.4	85.5	85.5	85.8	85.8	86.2	86.4
≥ 300	77.0	81.1	83.0	85.2	85.5	86.0	86.1	86.1	86.4	86.5	86.5	86.8	86.8	87.2	87.4
≥ 250	78.9	83.2	85.2	87.5	87.8	88.3	88.4	88.4	88.7	88.8	88.8	89.1	89.1	89.5	89.8
≥ 200	79.9	84.2	86.4	88.8	89.0	89.5	89.7	89.7	89.9	90.0	90.0	90.3	90.4	90.7	91.0
≥ 180	80.5	85.0	87.2	89.5	89.8	90.4	90.5	90.5	90.8	90.9	90.9	91.1	91.2	91.6	91.9
≥ 160	80.7	85.4	87.5	89.9	90.1	90.8	90.9	90.9	91.1	91.2	91.2	91.5	91.6	91.9	92.2
≥ 140	82.1	87.1	89.3	91.7	91.9	92.6	92.7	92.7	93.0	93.1	93.1	93.4	93.4	93.8	94.1
≥ 120	82.7	87.7	90.1	92.5	92.7	93.4	93.6	93.6	93.8	94.0	94.0	94.2	94.3	94.7	95.0
≥ 100	83.4	88.6	91.1	93.6	93.9	94.6	94.8	94.8	95.0	95.2	95.2	95.4	95.5	95.9	96.2
≥ 90	83.5	88.8	91.4	93.9	94.2	94.9	95.1	95.1	95.4	95.5	95.5	95.7	95.8	96.2	96.5
≥ 80	84.0	89.4	92.1	94.8	95.1	95.8	96.0	96.0	96.3	96.4	96.4	96.8	96.9	97.2	97.6
≥ 70	84.0	89.4	92.1	94.8	95.2	95.9	96.1	96.1	96.4	96.5	96.5	97.0	97.0	97.4	97.7
≥ 60	84.1	89.6	92.3	95.1	95.4	96.1	96.4	96.4	96.6	96.8	96.8	97.2	97.3	97.7	98.0
≥ 50	84.2	89.8	92.6	95.4	95.7	96.6	96.8	96.8	97.1	97.3	97.3	97.8	97.9	98.3	98.6
≥ 40	84.3	89.9	92.7	95.5	95.8	96.7	97.0	97.0	97.2	97.5	97.5	98.1	98.2	98.6	99.0
≥ 30	84.3	89.9	92.7	95.6	96.0	96.9	97.1	97.1	97.4	97.7	97.7	98.4	98.5	99.2	99.5
≥ 20	84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.7	97.9	97.9	98.6	98.7	99.4	99.9
≥ 10	84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.8	98.0	98.0	98.7	98.8	99.5	100.0
≥ 0	84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.8	98.0	98.0	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA

08-70,73-78

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY, STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	1.1	53.9	57.4	58.8	59.9	60.0	60.5	60.7	60.7	60.8	61.0	61.0	61.1	61.1	61.3	61.4
≥ 20000	1.6	63.8	67.3	69.0	70.2	70.3	70.8	71.0	71.0	71.2	71.4	71.4	71.5	71.6	71.8	71.9
≥ 18000	1.6	64.2	67.8	69.3	70.5	70.7	71.2	71.4	71.4	71.6	71.7	71.7	71.9	71.9	72.1	72.3
≥ 16000	1.6	64.3	68.0	69.5	70.7	70.9	71.4	71.6	71.6	71.8	71.9	71.9	72.1	72.1	72.3	72.5
≥ 14000	1.6	65.7	69.4	70.9	72.1	72.3	72.8	73.0	73.0	73.2	73.4	73.4	73.5	73.6	73.8	73.9
≥ 12000	1.6	68.4	72.2	73.8	75.0	75.2	75.7	75.9	75.9	76.1	76.3	76.3	76.4	76.4	76.7	76.8
≥ 10000	1.6	71.6	75.5	77.1	78.3	78.5	79.0	79.2	79.3	79.4	79.6	79.6	79.8	79.8	80.0	80.2
≥ 9000	1.7	72.8	76.8	78.4	79.7	79.8	80.4	80.6	80.6	80.8	80.9	80.9	81.1	81.1	81.3	81.5
≥ 8000	1.7	74.5	78.6	80.2	81.5	81.7	82.2	82.4	82.4	82.6	82.8	82.8	82.9	83.0	83.2	83.3
≥ 7000	1.7	75.8	79.9	81.6	82.9	83.0	83.6	83.8	83.8	84.0	84.1	84.2	84.3	84.3	84.6	84.7
≥ 6000	1.7	76.9	81.0	82.7	84.0	84.2	84.7	84.9	85.0	85.2	85.3	85.3	85.5	85.5	85.7	85.9
≥ 5000	1.8	78.0	82.2	83.9	85.2	85.4	85.9	86.2	86.2	86.4	86.5	86.6	86.7	86.7	87.0	87.1
≥ 4500	1.8	78.7	82.9	84.7	86.0	86.2	86.7	86.9	86.9	87.1	87.3	87.3	87.5	87.5	87.7	87.9
≥ 4000	1.8	79.9	84.2	86.0	87.3	87.5	88.0	88.2	88.3	88.5	88.6	88.6	88.8	88.8	89.1	89.2
≥ 3500	1.8	81.0	85.4	87.2	88.6	88.8	89.3	89.6	89.6	89.8	89.9	90.0	90.1	90.1	90.4	90.5
≥ 3000	1.8	82.6	87.2	89.1	90.5	90.7	91.3	91.5	91.5	91.7	91.9	91.9	92.1	92.1	92.4	92.5
≥ 2500	1.9	84.0	88.6	90.6	92.1	92.3	92.9	93.2	93.2	93.4	93.6	93.6	93.8	93.8	94.0	94.2
≥ 2000	1.9	84.9	89.6	91.6	93.2	93.4	94.0	94.3	94.3	94.5	94.7	94.7	94.9	94.9	95.1	95.3
≥ 1800	1.9	85.1	89.9	91.9	93.5	93.7	94.3	94.6	94.6	94.8	95.0	95.0	95.2	95.2	95.5	95.6
≥ 1500	1.9	85.7	90.6	92.7	94.3	94.5	95.2	95.4	95.5	95.7	95.9	95.9	96.1	96.1	96.4	96.5
≥ 1200	1.9	86.1	91.0	93.1	94.7	95.0	95.7	95.9	95.9	96.2	96.4	96.4	96.6	96.6	96.8	97.0
≥ 1000	1.9	86.5	91.3	93.7	95.3	95.6	96.3	96.6	96.6	96.9	97.1	97.1	97.3	97.3	97.5	97.7
≥ 900	1.9	86.6	91.6	93.9	95.6	95.8	96.6	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.8	98.0
≥ 800	1.9	86.8	91.9	94.2	95.9	96.2	96.9	97.2	97.2	97.5	97.7	97.7	97.9	97.9	98.2	98.4
≥ 700	1.9	86.8	92.0	94.3	96.1	96.3	97.1	97.4	97.4	97.7	97.9	97.9	98.1	98.1	98.4	98.6
≥ 600	1.9	86.9	92.1	94.4	96.2	96.5	97.3	97.6	97.6	97.9	98.1	98.1	98.3	98.4	98.6	98.8
≥ 500	1.9	87.0	92.2	94.6	96.4	96.7	97.5	97.9	97.9	98.2	98.4	98.5	98.7	98.7	99.0	99.2
≥ 400	1.9	87.0	92.2	94.6	96.5	96.8	97.7	98.0	98.1	98.4	98.6	98.6	98.9	99.0	99.3	99.5
≥ 300	1.9	87.0	92.2	94.6	96.5	96.8	97.7	98.1	98.1	98.4	98.7	98.7	99.0	99.1	99.4	99.7
≥ 200	1.9	87.0	92.2	94.7	96.5	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.1	99.5	99.9
≥ 100	1.9	87.0	92.2	94.7	96.6	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.2	99.6	100.0
≥ 0	1.9	87.0	92.2	94.7	96.6	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 30006

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN
MONT

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	70.0			20.0						10.0		1.5	20
	03-05	43.5			13.0						13.0	30.4	4.6	23
	06-08	21.0			26.7						24.4	27.9	5.0	315
	09-11	15.5			27.3						30.3	26.8	6.2	399
	12-14	7.9			34.1						30.5	27.4	6.5	390
	15-17	6.6			34.6						37.4	21.3	6.5	361
	18-20	21.7			31.6						28.3	17.8	5.3	152
	21-23	42.5			27.5						18.8	10.1	3.5	69
TOTALS		28.7			26.9						24.1	20.2	5.0	1729

2

12804

73-78

FER

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	64.9			18.9						13.5	2.7	2.1	37
	03-05	29.3			14.6						17.1	39.0	5.9	41
	06-08	20.3			25.6						19.9	34.2	6.0	301
	09-11	19.5			26.1						29.2	25.2	5.9	357
	12-14	15.2			29.2						33.2	22.3	6.1	349
	15-17	13.2			32.7						30.3	23.7	6.1	333
	18-20	25.7			25.7						29.1	19.4	5.3	175
	21-23	53.2			27.3						3.9	15.6	2.7	77
TOTALS		30.2			25.0						22.0	22.4	5.0	1666

FORM
311 64

0-9-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

73-78

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	44.0			20.0						20.0	16.0	4.0	50
	03-05	26.2			33.3						23.8	16.7	4.8	42
	06-08	21.1			26.0						24.9	28.0	5.8	346
	09-11	15.3			34.4						31.1	19.1	5.7	392
	12-14	9.2			39.9						36.6	14.3	5.9	391
	15-17	7.2			41.9						35.2	15.7	6.0	375
	18-20	17.1			38.2						29.6	15.0	5.3	280
	21-23	44.0			26.9						14.9	14.2	3.6	134
TOTALS		23.0			32.6						27.0	17.4	5.1	2010

2

2

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9		
APR	00-02	81.3			16.8							.5	16
	03-05	62.6			19.3					8.0	9.1	2.2	88
	06-08	25.6			35.5					22.8	16.1	4.7	355
	09-11	16.4			39.0					28.3	14.3	5.1	385
	12-14	13.8			39.9					34.6	11.7	5.3	376
	15-17	12.4			44.0					30.4	13.3	5.4	339
	18-20	25.9			44.4					19.3	10.4	4.1	135
	21-23	65.4			26.9					5.8	1.9	1.5	52
TOTALS		38.3			33.5					14.7	9.6	3.6	1746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

73-78

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	31.6			23.7						21.1	23.7	5.0	38
	03-05	35.4			37.6						15.2	11.8	3.7	178
	06-08	11.6			33.6						36.5	18.3	6.1	378
	09-11	9.2			31.4						42.7	16.8	6.5	382
	12-14	3.1			32.9						45.0	19.0	6.9	389
	15-17	1.7			27.8						43.4	27.1	7.5	295
	18-20	10.1			20.2						41.6	28.1	7.2	173
	21-23	24.8			21.9						28.6	24.8	5.7	105
TOTALS		15.9			28.6						34.3	21.2	6.1	1943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804
STATION

AVON PARK RANGE FLORIDA

73-78

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	22.6			33.9						35.5	8.1	5.0	62
	03-05	31.6			40.4						17.6	10.4	3.8	193
	06-08	6.8			38.8						35.7	18.6	6.2	381
	09-11	4.1			36.0						47.0	12.9	6.6	389
	12-14	.3			31.2						48.7	19.8	7.3	388
	15-17				20.3						45.8	34.0	8.1	306
	18-20	.9			18.7						40.4	40.0	8.2	230
	21-23	10.3			32.7						32.7	24.3	6.4	107
TOTALS		8.6			31.5						37.9	21.0	6.5	2056

USAFETAC

FORM 0-9-5 (CL A)
JUL 64

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SKY COVER

73-76

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	42.3			30.0						16.7	10.0	3.4	30
	03-05	35.7			44.9						14.8	4.6	3.1	196
	06-08	3.8			52.2						34.1	9.9	5.6	364
	09-11	.5			36.5						49.3	13.6	6.9	367
	12-14				27.3						55.3	17.2	7.5	378
	15-17				15.3						60.2	24.3	8.3	251
	18-20				13.0						57.1	29.8	8.5	161
	21-23	11.7			35.1						36.4	16.9	6.0	77
TOTALS		11.2			31.8						40.5	15.8	6.2	1824

SKY COVER

73-78

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	3.3			60.0						26.7	10.0	5.2	30
	03-05	38.5			41.9						13.2	6.4	3.1	234
	06-08	7.8			56.5						27.8	5.9	4.8	410
	09-11	1.2			50.5						38.5	9.8	6.0	410
	12-14				33.6						49.6	16.8	7.2	399
	15-17				20.2						60.9	19.0	8.0	258
	18-20	.8			30.1						35.0	34.1	7.5	123
	21-23	17.1			46.1						17.1	19.7	4.9	76
TOTALS		8.6			42.6						33.6	15.2	5.8	1940

SKY COVER

SEP

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	42.9			26.8						21.4	8.9	3.6	56
	03-05	42.1			40.4						10.3	7.0	2.9	171
	06-08	8.4			46.5						34.9	10.3	5.6	370
	09-11	.6			44.8						44.3	10.2	6.4	362
	12-14	.3			29.1						57.8	12.8	7.4	374
	15-17	.4			20.7						59.0	19.9	7.9	271
	18-20	2.2			22.2						49.7	24.9	7.7	181
	21-23	18.2			37.4						25.3	19.2	5.3	99
TOTALS		14.4			33.6						37.9	14.2	5.9	1884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

73-78
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	71.4			28.6								.9	7
	03-05	37.3			42.1						11.9	8.7	3.2	126
	06-08	20.2			41.3						27.4	11.1	4.8	361
	09-11	12.8			41.0						32.6	13.6	5.5	383
	12-14	5.2			38.6						42.0	14.1	6.4	383
	15-17	4.8			39.7						40.3	15.2	6.3	310
	18-20	26.5			34.1						24.9	14.6	4.7	185
	21-23	41.3			32.6						13.0	13.0	3.5	46
TOTALS		27.4			37.3						24.0	11.3	4.4	1801

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FORM
JUL 64

0-9-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804	AVON PARK RANGE FLORIDA
STATION	STATION NAME

73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NDV	00-02													
	03-05	29.8			31.6						17.5	21.1	4.6	57
	06-08	16.0			35.0						25.5	23.6	5.7	326
	09-11	17.2			32.4						30.0	20.4	5.7	383
	12-14	5.8			36.2						44.1	13.9	6.4	381
	15-17	4.4			35.0						41.5	19.1	6.7	340
	18-20	18.1			41.3						25.4	15.2	5.0	138
	21-23	58.8			20.6						11.8	8.8	2.6	34
TOTALS		21.4			32.2						28.0	17.4	5.2	1659

2

2

DEC
MONT

2

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

73-78
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	28.7			26.9						24.1	20.2	5.0	1729
FEB		30.2			25.0						22.0	22.8	5.0	1666
MAR		23.0			32.6						27.0	17.4	5.1	2010
APR		38.3			32.5						18.7	9.6	3.6	1746
MAY		15.9			28.6						34.3	21.2	6.1	1943
JUN		9.6			31.5						37.9	21.0	6.5	2056
JUL		11.9			31.8						40.5	15.2	6.2	1824
AUG		8.6			42.6						33.6	15.2	5.8	1940
SEP		14.4			33.6						37.9	14.2	5.9	1884
OCT		27.4			37.3						24.0	11.3	4.4	1801
NOV		21.4			33.2						28.0	17.4	5.2	1659
DEC		28.9			30.1						17.7	23.3	4.8	1415
TOTALS		21.5			32.2						28.8	17.5	5.3	21673

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC
 12804 AVON PARK RANGE FLORIDA
 STATION STATION NAME

DAILY TEMPERATURES

68-78

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95				3.0	9.5	11.1	10.2	7.8	1.1				3.7
90			5.2	16.9	45.3	61.1	75.0	71.4	59.4	11.2	1.8		29.7
85	6.4	7.7	33.5	48.2	86.6	94.2	97.7	96.4	94.9	50.9	18.2	3.8	51.2
80	38.3	24.6	61.3	83.1	95.5	96.8	98.9	97.9	97.7	83.4	57.1	31.8	72.8
75	52.7	47.3	81.7	95.2	98.3	99.5	100.0	99.0	100.0	94.1	80.0	54.1	83.9
70	69.1	68.9	90.6	99.4	99.4	100.0		100.0		99.4	90.0	70.1	90.8
65	78.2	86.2	95.3		100.0					100.0	94.7	80.9	94.7
60	84.0	92.8	99.0	100.0							98.8	89.2	97.0
55	94.7	97.0	99.5								99.4	96.8	99.0
50	98.4	100.0	100.0								100.0	99.4	99.8
45	99.5											100.0	100.0
40	100.0												100.0
35													
30													
25													
20													
15													
10													
5													
0													
MEAN	73.0	73.3	80.4	84.1	88.7	90.1	91.3	90.6	89.6	83.9	79.1	73.3	83.1
S D	10.147	8.382	7.240	5.494	4.907	4.125	3.062	3.432	3.383	4.854	6.751	9.055	9.302
TOTAL OBS	188	167	191	166	179	190	176	192	175	169	170	157	2120

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

12804

AVON PARK RANGE FLORIDA

STATION

STATION NAME

8-78

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
82				.6									.0
80						1.1	.6						.2
75	.5			1.9	1.1	10.0	17.0	19.3	18.3	2.4			6.0
70	2.1	1.8	3.1	9.0	14.5	77.4	96.6	97.4	93.7	36.1	10.6	2.5	38.0
65	11.2	9.6	22.5	30.1	64.2	98.9	100.0	100.0	100.0	66.3	32.9	23.6	55.7
60	34.0	19.2	47.1	57.2	91.1	99.5				87.6	58.2	43.3	70.3
55	54.3	40.1	69.1	80.1	98.3	100.0				96.4	79.4	55.4	81.5
50	70.2	61.1	85.9	94.0	99.4					98.8	90.6	66.2	89.2
45	78.2	79.0	94.2	98.8	100.0					100.0	95.3	77.7	93.8
40	84.0	90.4	99.0	99.4							99.4	86.0	96.6
35	91.5	97.0	100.0	100.0							100.0	96.2	98.7
33	95.2	98.3										98.7	99.4
30	98.4	100.0										99.4	99.8
25	99.5											100.0	100.0
20	100.0												100.0
MEAN	53.3	52.0	59.1	60.4	65.7	71.3	72.8	73.1	72.8	66.5	60.5	54.5	63.4
S D	10.774	8.961	7.706	7.046	4.400	2.976	1.903	1.641	2.088	5.811	7.551	10.997	10.210
TOTAL OBS	188	167	191	166	179	190	176	192	175	169	170	157	2120

DAILY TEMPERATURES

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

8-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

USAFETAC FORM 021.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73, 75
YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
68/ 67			2.6															1	1							
64/ 63	2.6	5.3	2.6															4	4	2	1					
62/ 61	2.6	2.6																2	2	3	2					
60/ 59	2.6	5.3	2.6															4	4	3	4					
58/ 57		5.3	2.6															3	3	3	2					
56/ 55		13.2																5	5	4	5					
54/ 53		10.5																4	4	4	2					
52/ 51		5.3																2	2	5	5					
50/ 49		7.9																3	3	1	4					
48/ 47		5.3																2	2	4	2					
46/ 45																				1	3					
42/ 41			2.6															1	1							
40/ 39			5.3	2.6														3	3	1						
38/ 37			2.6		2.6													2	2	1						
36/ 35																				2	1					
34/ 33		2.6																1	1	1	1					
32/ 31		2.6																1	1	2	2					
30/ 29																				1	1					
26/ 25																					2					
18/ 17																					1					
TOTAL	7.9	65.8	21.1	2.6	2.6													38		38	38					

Element (X)	Z _x	Z _y	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	291182	3298	86,811.567		38	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	107456	1992	52,49.054		38		2.4	2.4				93
Wet Bulb	100161	1917	50,49.689		38		7.3					93
Dew Point	94452	1844	48,511.589		38		14.7					93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0 26-5 (OL A)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (°)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67	2.9																	1	1	1	1														
60/ 59	5.9																	2	2	2	2														
58/ 57		14.7	2.9															6	6																
56/ 55	2.9	8.8																4	4		4														
54/ 53	2.9	5.9																3	3		3														
52/ 51		8.8																3	3	5	4														
50/ 49	2.9		2.9															2	2	1	4														
48/ 47		2.9																1	1	1	1														
46/ 45		8.8																3	3	2	1														
44/ 43			2.9															1	1	2	2														
42/ 41		2.9		2.9														2	2	1	1														
40/ 39		2.9																1	1	2	2														
38/ 37		2.9																1	1	1	1														
36/ 35		5.9																2	2	1															
34/ 33		2.9																1	1	2															
32/ 31	2.9																	1	1	2	5														
30/ 29																					1														
TOTAL	20.66	7.6	8.8	2.9														34		34	34														

PSYCHROMETRIC SUMMARY

12804 STATION AVON PARK RANGE FLORIDA STATION NAME

69-70, 73-78

JAN

PAGE 1 0600-0800
HOURS (L - S - T -)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
70/ 69		1.5	.6	.2														11	11	3	3														
68/ 67	.4	.2																3	3	8	6														
66/ 65	.6	3.5	.6															22	22	9	8														
64/ 63	1.5	3.9	.2															24	24	28	20														
62/ 61	4.8	3.9	.4															42	42	40	45														
60/ 59	5.2	3.4	.4															51	51	47	47														
58/ 57	1.3	4.5	.4	.2														30	30	26	26														
56/ 55	1.5	6.3	.6	.4														41	41	41	29														
54/ 53	1.1	4.1	1.3															30	30	31	39														
52/ 51	.9	4.1	1.5															30	30	30	27														
50/ 49	.4	4.1	.9															25	25	25	22														
48/ 47	1.3	2.9	.4															26	26	31	28														
46/ 45	.4	3.2	.6	.4														22	22	20	22														
44/ 43	.4	1.1	.6															12	10	19	28														
42/ 41	.6	2.4	.4	.2														17	17	16	10														
40/ 39	.9	2.6	1.3	.2														23	23	15	18														
38/ 37	.4	1.7	.4	.2														13	13	14	11														
36/ 35		1.7	.9															12	12	15	6														
34/ 33	.2	1.9	.2	.4														13	13	12	16														
32/ 31	.6	.9		.6														10	10	16	16														
30/ 29	.4	.4																4	4	7	12														
28/ 27		.2																1	1	6	9														
26/ 25	.4																	2	2	3	6														
24/ 23	.2																	1	1	1	4														
20/ 19																					1														
18/ 17																					3														
12/ 11																					1														
TOTAL	23.86	1.12	1.3	3.0														463	463	463	463														
																						463		463											
</																																			

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0 26-5 (OL. A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

JSAFETAC
FORM 0-26 5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
78/ 77					1.8	.5		.5										6	6															
76/ 75				2.7	2.7	1.8												16	16															
74/ 73		.5	1.4	3.7	1.4			.5										16	16															
72/ 71			3.2	2.7	1.4													16	17	2														
70/ 69	.5	1.4	2.7	2.3	1.4	.5												19	19	17	3													
68/ 67		1.4	2.7	1.4	.9	.5												15	15	29	10													
66/ 65		2.7	2.7	2.3	1.8													21	21	21	21													
64/ 63		1.4	2.3	2.3	1.4													16	16	18	24													
62/ 61		1.8	2.3	.9	1.8													15	15	15	21													
60/ 59		1.8	1.8	1.4	.5	.5												13	14	17	17													
58/ 57		.9	.5	1.8	.9													9	9	19	16													
56/ 55		1.4	1.8		.9	.5	.5											11	11	11	10													
54/ 53		1.8	1.8	.9														10	10	10	15													
52/ 51		.9	.5	2.7	.5													10	11	15	12													
50/ 49				.5														1	1	7	14													
48/ 47		.5	1.4		.5													5	5	5	8													
46/ 45		1.4		.5														4	4	10	7													
44/ 43		.5	.5		.5													3	3	5	2													
42/ 41		.5	.5	.5	.5													4	4	2	12													
40/ 39				.9	.5													3	3	3	7													
38/ 37			.5	.5														2	2	2	1													
36/ 35			.5	.5														2	2	1	3													
34/ 33				.5														1	1	4	1													
32/ 31		.5																1	1	4	3													
30/ 29																				2														
28/ 27																					6													
24/ 23																					2													
22/ 21																					2													
20/ 19																					2													
TOTAL	.5	19.2	26.9	28.8	19.2	4.1	.5	.9										219	222		219													

Element (X)	Zx ²	Zx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	1237839	16271	74.3	11.525	219							
Dry Bulb	888597	13859	62.4	10.292	222		.4	37.3	15.9			93
Wet Bulb	748246	12616	57.6	9.925	219		2.5	20.4				93
Dew Point	664730	11808	53.9	11.347	219		6.4	5.5				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

VON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73		.9	1.8															3	3						
72/ 71			1.8															2	2		1				
70/ 69		.9	3.6	1.8														7	7		3				
68/ 67		.9	1.8															3	3		4				
66/ 65	.9	4.5	.9															7	7		4				
64/ 63		1.8	1.8	.9														5	5		9				
62/ 61		7.3	5.5		.9													15	15		4				
60/ 59		6.4	2.7															10	10		11				
58/ 57		4.5	1.8															7	7		14				
56/ 55		2.6	2.7															7	7		9				
54/ 53		3.6	1.8															6	6		6				
52/ 51		5.5	.9															7	7		7				
50/ 49		5.5	1.8															8	8		7				
48/ 47			.9															1	1		7				
46/ 45		.9	2.7	.9														5	5		2				
44/ 43			1.8															2	2		1				
42/ 41		1.8	.9															3	3		4				
40/ 39		1.8	2.7															5	5		4				
38/ 37		.9	2.7															4	4		3				
36/ 35																					4				
34/ 33		2.7																3	3		3				
32/ 31																					3				
30/ 29																									
28/ 27																									
26/ 25																									
TOTAL	.953	6.40	.9	3.6	.9													110		110					

Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	787443	9269	84.3	7.665	110	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	353638	6142	55.8	9.904	110			12.7	2.5			93
Wet Bulb	323792	5868	53.3	9.936	110		2.5	6.8				93
Dew Point	300720	5628	51.2	10.824	110		7.6	5.1				93

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-20-5 (OL A)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
88/ 87									.0									1	1																	
86/ 85								.1	.2	.1	.0							11	11																	
84/ 83								.4	.5	.1								24	24																	
82/ 81				.1	.0	.9	1.8	.5	.0	.0								96	96																	
80/ 79			.0	.3	1.1	2.3	.6	.3	.1	.0								114	114																	
78/ 77			.2	.7	1.9	.7	.6	.4	.2									112	112																	
76/ 75			.2	.9	1.2	1.1	.6	.3										104	104	4																
74/ 73		.3	.7	1.0	.8	1.0	.9	.5	.1									121	121	41	4															
72/ 71	.0	.5	1.0	.9	1.0	.8	.6	.1										121	122	119	24															
70/ 69	.1	1.2	1.2	.8	.8	1.2	.5	.3										148	148	214	70															
68/ 67	.3	1.2	.8	.4	.9	1.1	.3	.1	.1									125	125	160	133															
66/ 65	.4	2.3	1.2	.9	1.0	.9	.2	.2	.0									168	168	158	181															
64/ 63	.4	1.8	.6	.6	.8	.3	.1	.2										115	115	172	195															
62/ 61	1.1	2.1	1.0	.5	.5	.4	.2	.1										141	141	181	173															
60/ 59	1.2	2.1	1.0	.6	.4	.3	.3	.1										142	143	197	171															
58/ 57	.3	1.8	1.0	.5	.8	.1	.4	.1										121	121	152	140															
56/ 55	.4	2.3	1.0	.7	.4	.6	.3											136	136	149	150															
54/ 53	.3	1.8	.9	.5	.5	.3	.2											104	104	111	169															
52/ 51	.2	1.5	.8	.4	.3	.5	.1											89	90	125	145															
50/ 49	.1	1.5	.8	.5	.3	.0												79	79	99	131															
48/ 47	.3	1.2	.5	.2	.2													55	55	94	108															
46/ 45	.1	1.0	.5	.3	.2	.2												55	55	90	63															
44/ 43	.1	.3	.5	.1	.2													27	27	67	78															
42/ 41	.1	.7	.3	.2	.2	.0												37	37	56	72															
40/ 39	.2	.7	.6	.4	.1													46	46	36	55															
38/ 37	.1	.4	.5	.1	.0													29	29	30	43															
36/ 35		.5	.3	.1														19	19	38	59															
34/ 33	.0	.0	.0	.1														19	19	37	42															
32/ 31	.2	.3	.0	.2														18	18	30	57															
30/ 29	.1	.1		.0														5	5	12	35															
28/ 27		.0																1	1	8	30															
26/ 25	.1																	2	2	4	21															
24/ 23	.0																	1	1	2	12															
22/ 21																					8															
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
20/ 19																					6			
18/ 17																					8			
12/ 11																					2			
10/ 9																					1			
TOTAL	6.1	26.3	15.7	12.1	14.0	12.8	8.2	3.9	.8	.1										2389	2386			

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	13459877	174405	73.1	17.275	2386	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Dry Bulb	9747762	149746	62.7	12.303	2389		8.4	304.6	181.6	59.2		744
Wet Bulb	8085001	136541	57.2	10.666	2386		17.5	167.8	14.0			744
Dew Point	7073886	126836	53.2	11.789	2386		56.1	72.0	1.2			744

PSYCHROMETRIC SUMMARY

69-70, 73-74

FEB
MONIN

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
70/ 69			3.7															3	3																
68/ 67		3.7																3	3	5	2														
66/ 65																				1	4														
62/ 61			2.5	1.2														3	3	2															
60/ 59	2.5	2.5		1.2														5	5	2	4														
58/ 57		4.9	1.2															5	5	4															
56/ 55		4.9																4	4	5	7														
54/ 53		6.2	1.2	1.2														7	7	6	3														
52/ 51		2.5	1.2	1.2														4	4	6	6														
50/ 49	8.6	4.9	7.4															17	17	8	11														
48/ 47		6.2	4.9															9	9	8	3														
46/ 45		2.5	4.9	1.2														7	7	11	4														
44/ 43		6.2																5	5	7	12														
42/ 41		4.9	1.2															5	5	10	9														
40/ 39	1.2		1.2															2	2	2	10														
38/ 37			2.5															2	2																
36/ 35																				4	1														
34/ 33																					1														
32/ 31																					2														
30/ 29																					1														
28/ 27																					1														
TOTAL	12.35	1.92	9.6	6.2														81	81		81														

PSYCHROMETRIC SUMMARY

69-70, 75-78

YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L - S - T -)

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
68/ 67		1.8																1	1																
66/ 65		1.8																1	1	1	1														
64/ 63	1.8																	1	1	2	2														
62/ 61		3.6																2	2	1															
60/ 59	3.6	7.3																6	6	5	4														
58/ 57		5.5																3	3	2	3														
56/ 55	5.5	5.5	1.8															7	7	9	7														
54/ 53	1.8	3.6																3	3	3	5														
52/ 51	3.6	1.8																3	3	3	4														
50/ 49		1.8	3.6															3	3	2															
48/ 47	1.8	12.7			1.8													9	9	4	3														
46/ 45	1.8	5.5																4	4	9	4														
44/ 43		5.5																3	3	1	7														
42/ 41	1.8	1.8	1.8															3	3	5	5														
40/ 39		1.8																1	1	2	2														
38/ 37		1.8		1.8														2	2	2	1														
36/ 35																					1														
34/ 33		5.5																3	3	1	1														
32/ 31																				3	2														
30/ 29																					2														
28/ 25																					1														
TOTAL	21.6	67.3	7.3	1.8	1.8													55	55	55	55														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 57^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$
Rel. Hum.	454208	4972	90.4	9.368	55						
Dry Bulb	144698	2786	50.7	8.136	55			1.5			84
Wet Bulb	137518	2710	49.3	8.595	55		4.6				84
Dew Point	131072	2634	47.9	9.982	55		7.6				84

USAFETAC FORM 0-26-5 (OLA)
REV. 11-84
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 0600-0800
HOURS (1 - 5 - 7 -)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70-73-78
YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.2											1	1		
84/ 83									.2									1	1		
82/ 81					.2													1	1		
80/ 79				.6	.8													7	7		
78/ 77			.6	.2	1.1	.4												11	11		
76/ 75			.8	.8	.2	.4	.2											12	12		
74/ 73		.6	1.3	1.1	1.1	1.1	.2											25	25	10	
72/ 71		1.1	2.1	1.5	2.3	.9												36	36	14	6
70/ 69		.6	1.5	1.3	.2	1.1	.2	.2										24	24	22	19
68/ 67	.2	.8	1.7	1.9	1.1	1.9	.6											37	37	27	22
66/ 65	.6	1.3	.4	1.7	.8	.6	.6											29	29	29	21
64/ 63	.2	1.3	1.1	.8	1.9	1.1		.6										34	34	29	21
62/ 61	.6	2.3	2.3	2.1		1.1												40	40	30	26
60/ 59	.2	1.5	2.7	1.9	1.7	1.7	.4											48	48	39	35
58/ 57		1.5	2.3	1.5	1.3	.8	.2	.2										37	37	39	29
56/ 55	.2	1.5	1.9	3.0	1.1	.4	.4											40	40	41	33
54/ 53		.8	.8	2.3	.6	.4												24	24	35	33
52/ 51	.2		1.3	1.7	.2	.2	.2											18	18	34	33
50/ 49		.4	1.5	1.3		.2	.2											17	17	35	30
48/ 47		.4	.8	1.1	.4	.4												15	15	29	20
46/ 45		.4	.4															6	6	21	22
44/ 43				.2		.2												2	2	14	31
42/ 41		.2	.2	.2	.2													4	4	9	27
40/ 39			.2	.2	.2													3	3	6	17
38/ 37																				3	15
36/ 35			.2															1	1	3	9
34/ 33																				2	5
32/ 31																				2	4
30/ 29																					3
28/ 27																					4
26/ 25																					1
24/ 23																					2
22/ 21																					3
20/ 19																					2
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

FORM 41

USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-78

YEARS

FEb
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 9	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
88/ 87							.2	.2										2	2												
86/ 85							.2	.2	.9		.2							9	9												
84/ 83							.4	.2	.9	.4	.2							10	10												
82/ 81				.2	.7	1.1	1.3	.4	.7									20	20												
80/ 79				.2	1.1	1.8	1.1	2.0	.2									29	29												
78/ 77					1.1	1.6	2.5	2.0	.4	.4	.4		.2					39	39												
76/ 75			.7	1.8		2.0	1.3	.4	.7	.2								32	32	3											
74/ 73			.4	.2		.2	.4	2.9	2.7	2.2	.4							43	43	13											
72/ 71					.4	1.6	3.8	1.3	.4	.7	.2							38	38	17											
70/ 69				.7		.7	1.3	.9	2.0	1.3	.9	.2						36	36	35											
68/ 67			.4	.9		.4	1.1	2.2	.2	.2	.9							29	29	22											
66/ 65		1.1	.7	.2	2.9	1.3	1.6	1.8	1.6	.9								54	54	37											
64/ 63		.2	.4	2.0	.7	1.3	2.0	.4	.7									35	35	35											
62/ 61		.2	.4	.4	.2	.9	2.0	.9										23	23	31											
60/ 59		.4	.2	.4		1.1	.4	.2										13	13	56											
58/ 57		.2	.2	.4		.7	.9	.7										14	14	39											
56/ 55					.7	1.1	.2	.2										10	10	37											
54/ 53				.4	.2	.9												7	7	29											
52/ 51						.7												3	3	29											
50/ 49						.2												1	1	23											
48/ 47						.2												1	1	22											
46/ 45																				7											
44/ 43																				11											
42/ 41																				1											
40/ 39																				1											
38/ 37																				9											
36/ 35																				16											
34/ 33																				13											
32/ 31																				17											
30/ 29																				9											
28/ 27																				1											
26/ 25																				4											
TOTAL		2.7	4.7	6.5	9.4	20.1	23.9	17.0	9.8	4.5	1.3		.2					448	448	448											
Element (X)	Σ X ²	Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel Hum.	1329167	23453		52.415		0.61		448		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	2223749	31439		70.2		7.840		448						53.8		34.5		10.5				84									
Wet Bulb	1605444	26594		59.4		7.740		448						16.9		3.0						84									
Dew Point	1219485	22849		51.011		0.002		448						5.8		6.4		.2				84									

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
(F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71			.8	.8														2	2																
70/ 69			1.6															2	2																
68/ 67		3.2		2.4	.8													8	8	3															
66/ 65		3.2	.8															5	5	5	5														
64/ 63		1.6	2.4	.8														6	6	7	4														
62/ 61		2.4	2.4	.8														7	7	7	4														
60/ 59		.8	7.1	2.4														13	13	3	9														
58/ 57		2.4	3.2															7	7	6	4														
56/ 55		7.1	5.6	1.6	.8													19	19	17	5														
54/ 53		3.2	2.4	4.0	.8													13	13	16	15														
52/ 51	1.6	4.0	7.9	1.6	.8													20	20	10	20														
50/ 49		.8	4.0	1.6	.8													9	9	11	8														
48/ 47		.8	1.6	.8														4	4	19	7														
46/ 45		.8																1	1	6	5														
44/ 43		2.4	2.4															6	6	6	15														
42/ 41		.8	1.6															3	3	6	9														
40/ 39			.8															1	1	1	5														
38/ 37																				2	5														
36/ 35																				1	3														
30/ 29																					3														
TOTAL	1.6	33.3	44.4	16.7	4.0													126	126	126	126														

Element (X)	ΣX^1	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	824519	10119	80.3	9.743	126	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	398191	7027	55.8	7.097	126			6.0				84
Wet Bulb	354516	6622	52.6	7.207	126			2.0				84
Dew Point	319647	6261	49.7	8.263	126		2.0					84

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

ALI

ALL
HOURS (L. S. Y.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
88/ 87							.1	.1										5	5													
86/ 85						.1	.2	.3	.2		.0							18	18													
84/ 83					.0	.3	.2	.2	.3		.0							24	24													
82/ 81				.0	.3	.4	.7	.1	.2									41	41													
80/ 79				.2	.6	.7	.5	.6	.0					.0				63	63													
78/ 77			.1	.3	.9	.9	1.0	.6	.2	.1	.1		.0					97	97													
76/ 75			.4	.9	.3	1.0	.4	.3	.2	.1								82	82	7												
74/ 73		.2	.5	.6	.5	.7	.9	1.0	.6	.2								120	120	41	2											
72/ 71		.5	.7	.5	1.0	.9	1.3	.6	.3	.2	.0							138	138	54	16											
70/ 69	.0	.6	.7	.5	.4	1.1	.7	.7	.4	.3	.1							131	131	113	55											
68/ 67	.5	.9	.8	.9	.6	1.0	.7	.3	.0	.3								137	137	123	88											
66/ 65	.4	1.1	.5	.6	1.5	.7	1.1	.5	.6	.2								167	167	130	101											
64/ 63	.3	.7	.6	1.2	1.2	.8	.6	.5	.3									147	147	132	83											
62/ 61	.4	1.4	1.4	1.2	.7	.8	.6	.2										157	157	134	123											
60/ 59	.6	1.7	1.3	1.0	.7	1.1	.4	.2										162	162	180	128											
58/ 57	.2	1.6	.9	.8	.8	.6	.4	.2										121	131	198	123											
56/ 55	.5	2.0	1.3	.9	.6	.4	.2	.1										141	141	215	146											
54/ 53	.2	1.5	.7	1.0	.5	.4	.1											103	103	169	175											
52/ 51	.6	.9	1.1	.6	.2	.3	.0	.0										88	88	158	198											
50/ 49	.4	1.6	1.2	.7	.2	.2	.0											104	104	162	140											
48/ 47	.2	1.5	.7	.5	.2	.2												77	77	148	127											
46/ 45	.1	1.3	.6	.2	.1													52	52	98	121											
44/ 43	.1	1.2	.3	.1	.0	.0												43	43	90	163											
42/ 41	.1	.9	.5	.1	.0													37	37	64	131											
40/ 39	.2	.6	.2	.0	.0													27	27	47	100											
38/ 37	.1	.2	.3	.0														15	15	23	75											
36/ 35		.1	.1	.0														6	6	13	68											
34/ 33	.0	.3	.0															10	10	13	41											
32/ 31	.2	.0																5	5	15	42											
30/ 29																				1	35											
28/ 27																					13											
26/ 25																					14											
24/ 23																					3											
22/ 21																					3											
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78

YEARS

FEB
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 0000-0200
HOURS 11-5-11

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point														
72/ 71			9.0															8	8															
70/ 69	2.2	1.2	3.4															15	15	15	10													
68/ 67	2.2	10.1	1.1															12	13	10	13													
66/ 65			2.2															2	2	10	8													
64/ 63	1.1	4.5	1.1															6	6	1	5													
62/ 61		1.1	3.4															4	4	7	3													
60/ 59		5.6																5	5	3	4													
58/ 57	1.1	1.1																2	2	8	8													
56/ 55		2.2	4.5															6	6	1	3													
54/ 53		3.4																3	3	4	2													
52/ 51		2.2																2	2	5	3													
50/ 49		5.6	3.4															8	8	2	7													
48/ 47	1.1	5.6	3.4															9	9	9	2													
46/ 45		4.5	3.4															7	7	5	4													
44/ 43																				6	8													
42/ 41																				3	6													
38/ 37																					3													
TOTAL	7.9	66.3	25.8															89	90	89	89													

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	711595	7939	89.2	6.233	89	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	331890	5404	60.0	9.124	90			37.2				93
Wet Bulb	308741	5175	58.1	9.436	89			26.1				93
Dew Point	296262	5056	56.8	10.133	89			24.0				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73-75, 77-78
YEARS

MAR
MONTH

PAGE 1 0300-0500
HOURS L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dr.	Bulb	Wet Bulb		Dew Point		
74/ 73		1.5																													1	1			
72/ 71		3.0																													2	2	1	1	
70/ 69	3.0	3.0	1.5																												5	5	6	6	
68/ 67	3.0	3.0																													8	8	4	3	
66/ 65		3.0																													2	2	5	3	
64/ 63	1.5	4.5																													4	4	3	6	
62/ 61		6.1																													4	4	4	4	
60/ 59	1.5	9.1	1.5																												8	8	5	4	
58/ 57	1.5	9.1	1.5	1.5																											9	9	9	6	
56/ 55		6.1	1.5																												5	5	6	7	
54/ 53	4.5	1.5	1.5	1.5																											6	6	8	8	
52/ 51	1.5	4.5	1.5																												5	5	2	4	
50/ 49		1.5																													1	1	5	3	
48/ 47		1.5																													1	1	2	2	
46/ 45		1.5																													1	1	1	1	
44/ 43		3.0	1.5																												3	3	1	2	
42/ 41																																	2	3	
40/ 39																																	1	1	
38/ 37	1.5																														1	1	1	1	
36/ 35																																		1	
TOTAL	18.268	210.6	3.0																												66	66	66	66	

Element (X)	Z _x	Z _y	X	Y	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	552954	6020	91.2	7.703	66	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	232944	3688	58.9	7.751	66			22.5	1.4			93
Wet Bulb	222455	3795	57.5	8.079	66			15.5				93
Dew Point	214676	3720	56.4	8.772	66			14.1				93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-J (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

12804_

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78

YEARS

MAF
MONIM

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-78

YEARS MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point											
92/ 91									.2									1	1												
90/ 89									.2	.6	.2							11	11												
88/ 87					.4		.8	.8	1.6	.4								20	20												
86/ 85				.2		2.0	2.8	3.3	1.2	.2	.2							50	50												
84/ 83					.2	4.5	4.3	1.4	1.8									62	62												
82/ 81			.2	.4	1.6	2.2	2.8	2.8	1.2	.2								57	57	1											
80/ 79				.6	.6	2.4	1.6	3.3	1.0	.4	.2							51	51	2											
78/ 77				.6	.2	1.6	2.4	1.2	1.6	.2				.2				40	40	1	3										
76/ 75			.2	.8	1.0	1.8	2.9	2.6	.2	.2								49	49	31	1										
74/ 73				.6	.8	1.0	1.8	1.2	.4	.4								34	34	75	2										
72/ 71			.2	1.4	.4	1.0	.6	.2		.2								24	24	57	24										
70/ 69		1.2	.2		1.0	1.4	.4	1.2	.2									28	28	42	36										
68/ 67		.6	.4	.8	.4	.6	.4	.4			.2							19	19	72	49										
66/ 65	.2	.8	.2				.4	.8	.4			.2						14	14	44	52										
64/ 63		.4	.2		.4	.4	.4	.8	.4									15	15	47	44										
62/ 61	.2			.2		1.4	.8	.4										15	15	48	39										
60/ 59			.2			.4	.8											7	7	14	48										
58/ 57				.2	.4	.4	.6	.2										9	9	11	29										
56/ 55						.2	.4											3	3	11	42										
54/ 53																				10	18										
52/ 51																				13	21										
50/ 49																				16	11										
48/ 47																				7	7										
46/ 45																				4	5										
44/ 43																				3	10										
42/ 41																					13										
40/ 39																					7										
38/ 37																					9										
36/ 35																					3										
34/ 33																					7										
32/ 31																					4										
28/ 27																					5										
TOTAL	.4	3.7	2.4	5.7	7.3	21.0	24.0	20.6	11.2	2.8	.8			.2				509	509	509	509										
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.	1675327		28385		55.813		4.87		509		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb	3029393		39127		76.9		7.898		509				81.5	68.5	42.0			93													
Wet Bulb	2239566		33550		65.9		7.446		509				51.3	20.1	.4			93													
Dew Point	1828590		30166		59.310		0.000		509				1.6	24.7	1.1			93													

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73-78

YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL.		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	Dry Bulb	Wet Bulb	Dew Point														
94/ 93											.2							1	1															
92/ 91									.2	.4								3	3															
90/ 89									.4	.6	.6							14	14															
88/ 87					.2	.6	.6	1.9	3.5	.8	.4							39	39															
86/ 85					.2	.6	.4	1.0	2.9	1.9	1.0							36	36															
84/ 83				.2	.6	.4	4.7	2.7	2.9	.6								59	59															
82/ 81			.4	.6	.6	2.1	1.9	3.3	1.6	.2	.2	.2						51	51															
80/ 79			.2	.6	.6	1.0	.6	.4	3.9	.6	.4	.2	.2					36	36	1														
78/ 77			.4	.6	.8	1.0	1.2	2.3	1.2	.2	.4							40	40	5														
76/ 75			.4	.8	.6	1.9	1.9	2.5	1.6									47	47	16														
74/ 73	.2	.8	.4	1.0	2.3	.4	1.4	.4	.4									36	36	46														
72/ 71	.2	.8	.6	.6	2.1	1.0	.4											25	25	78														
70/ 69		.8	.2	1.2	.6	1.2	1.0	.4										27	27	44														
68/ 67	1.0		.4			.4	1.2	.2										16	16	60														
66/ 65	.6					.2	1.0	.6	.4	.2								15	15	56														
64/ 63	.4	.6	.2			1.2	.4	.2										15	15	43														
62/ 61		.8	.2	.6	.4													10	10	47														
60/ 59			.2	.2	.4	.4	.2											7	7	20														
58/ 57			.2		.2	.2	.2											3	3	12														
56/ 55				.2		.6												4	4	11														
54/ 53			.2															1	1	17														
52/ 51																				9														
50/ 49																				10														
48/ 47																				6														
46/ 45																				1														
44/ 43																				3														
42/ 41																				7														
40/ 39																				8														
38/ 37																				4														
36/ 35																				3														
34/ 33																				4														
32/ 31																				3														
30/ 29																				3														
28/ 27																				1														
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
88/ 87							.3											1														1					
86/ 85							.3		1.1									8														8					
84/ 83					.3		.3		.6									7														7					
82/ 81				.6			.8	1.7	.3									12														12					
80/ 79				.3	2.0	3.1	1.1	.6										25														25					
78/ 77			.6	1.1	1.7	1.1	1.1	1.1	.3									25														25					
76/ 75		.3	1.4	3.7	1.1	1.4	1.1	.8										35														35		7			
74/ 73		.6	1.1	2.3	2.3	1.7	.6	.6	.6									34														34	12	3			
72/ 71		.3	1.1	1.4	3.4	1.4	.8	.3	.3									32														32	25	10			
70/ 69			1.7	3.7	2.0	2.3	.6	.3										37														37	45	20			
68/ 67		1.4	1.1	3.7	1.4	1.4	.3											33														33	34	34	22		
66/ 65		1.4	2.0	2.5	.6	1.1	.8	.3										31														31	41	28			
64/ 63		1.1	.8	1.7	.3	.3	.3											16														16	37	39			
62/ 61		1.1	.8	.6	1.4	.3	.3	.3										16														16	42	44			
60/ 59		.3	.3	.3	.8	.8	.3											10														10	31	31			
58/ 57			.3	.3	.6	.6	.3											6														6	20	34			
56/ 55			.3	.6	.3	.6	.3											7														7	9	24			
54/ 53			.6	.8	.3	.3												6														6	10	19			
52/ 51			.6	.3	.8													6														6	8	12			
50/ 49		.3	.8	.6	.3													7														7	11	14			
48/ 47																																		9	7		
46/ 45																																		9	9		
44/ 43																																		4	10		
42/ 41																																			11		
40/ 39																																			6		
38/ 37																																			2		
36/ 35																																			6		
34/ 33																																			1		
32/ 31																																			1		
30/ 29																																			1		
TOTAL		6.8	13.6	24.3	19.5	17.8	9.6	5.6	2.8										354													354	354	354			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	1638145		23609		66,713.424		354						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb	1764579		24829		70.1		8.092		354								65.4	38.6	10.8																		
Wet Bulb	1415886		22238		62.8		7.320		354								32.3	5.0																			
Dew Point	1221036		20552		58.1		8.884		354								.3	14.4	.8																		

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

69-70, 73-78

MAR

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78

YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point																
94/ 93										.1	.1	.0						1	1																	
92/ 91										.1	.1							4	4																	
90/ 89										.3	.4	.1						25	25																	
88/ 87					.1	.1	.3	.5	.9	.2	.1							61	61																	
86/ 85				.0		.7	.7	1.2	.7	.2	.0							97	97																	
84/ 83				.1	.2	1.2	2.0	.9	.9	.1								145	145																	
82/ 81		.0	.0	.3	.5	1.2	1.2	1.3	.5	.1	.0	.0						142	142	1																
80/ 79			.1	.4	1.3	1.3	.6	1.5	.3	.1	.1		.0					157	157	4																
78/ 77			.3	1.0	.7	.8	.9	.8	.6	.1	.1			.0				143	143	8																
76/ 75		.3	1.0	1.6	.7	1.3	1.2	1.2	.3	.0								206	206	66																
74/ 73	.0	.4	1.5	.8	1.0	1.5	.6	.6	.2	.1								186	186	188																
72/ 71	.1	1.5	1.3	.9	1.2	1.0	.6	.2	.0	.0								182	182	239																
70/ 69	.5	1.9	1.4	1.1	1.1	.9	.4	.5	.1									215	215	260																
68/ 67	.6	2.5	1.2	1.2	.7	.5	.2	.3	.0		.0							196	197	282																
66/ 65	.2	1.7	1.2	.9	.3	.4	.2	.4	.2	.1	.0							149	149	274																
64/ 63	.4	2.3	.9	.6	.4	.4	.1	.2	.1									143	143	238																
62/ 61	.4	1.8	.7	.4	.4	.3	.3	.1	.0									120	120	256																
60/ 59	.2	1.2	.3	.6	.4	.4	.4	.0										91	91	157																
58/ 57	.3	1.4	.6	.5	.4	.3	.2	.1										100	100	127																
56/ 55	.1	.9	.7	.3	.1	.2	.2											69	69	104																
54/ 53	.3	1.2	.6	.3	.3	.1	.0											77	77	100																
52/ 51	.0	.7	.6	.2	.1	.1												47	47	85																
50/ 49	.1	.9	.6	.2	.3													57	57	92																
48/ 47	.0	.4	.5	.1														29	29	71																
46/ 45		.4	.2	.2														21	21	55																
44/ 43		.2	.1	.1														10	10	38																
42/ 41	.0	.1	.1	.0														9	9	21																
40/ 39																				13																
38/ 37	.1																	2	2	5																
36/ 35	.0																	1	1	1																
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
Element (X)	$\Sigma X'$			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																				
Ref. Hum.																± 0 F			± 32 F			± 67 F			± 73 F			± 80 F			± 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

12804.
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78

YEARS

MAE
MONTH

PAGE 2

ALL

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

70.75

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
76/ 75				2.6															1	1														
74/ 73			2.6	5.1															3	3														
72/ 71			2.6	2.6															2	2	3													
70/ 69			5.1	5.1															4	4	3	5												
68/ 67			2.6	2.6															2	2	5	2												
66/ 65			10.2	5.1															6	6	2	4												
64/ 63			17.9	5.1															9	9	5	2												
62/ 61			7.7	5.1															5	5	9	6												
60/ 59			7.7																3	3	5	9												
58/ 57			2.6																1	1	4	7												
56/ 55																						1												
54/ 53			2.6																1	1	1													
52/ 51	2.6	2.6																	2	2	2	3												
TOTAL	2.6	64.1	33.3																	39	39	39												

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	308531	3465	88.8	4.227	39	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	163992	2520	64.6	5.528	39			27.7	9.2			90
Wet Bulb	153535	2439	62.5	5.139	39			25.4				90
Dew Point	147708	2392	61.3	5.126	39			16.2				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 74-78

YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73		.9																	1	1	1	1													
72/ 71		3.7																	4	4															
70/ 69	.9	1.8																	3	3	5	3													
68/ 67	1.8	7.2																	10	10	7	9													
66/ 65	.9	8.3	.9																11	11	8	8													
64/ 63	1.8	9.2	2.4																15	15	12	8													
62/ 61	.9	11.9	3.7	.9															19	19	10	11													
60/ 59	.9	11.0	3.7																17	17	22	15													
58/ 57	.9	4.6	1.8																8	8	15	16													
56/ 55	.9	2.8	.9	.9															6	6	10	12													
54/ 53	1.8	1.8	4.6					.9											10	10	4	10													
52/ 51	.9		1.8																3	3	4	3													
50/ 49			.9																1	1	8	1													
48/ 47		.9																	1	1	2	7													
46/ 45																						3													
44/ 43																						1													
42/ 41																					1														
24/ 23																						1													
TOTAL	11.9	64.2	21.1	1.8				.9											109	109	109	109													
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	892977		9823		90.1		8.994		109		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	410814		6668		61.2		5.185		109						14.9		.8						90												
Wet Bulb	384928		6480		59.4		5.849		109						10.7		.8						90												
Dew Point	374531		6343		58.2		7.081		109				.8		10.7		.8						90												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78.

YEARS

APR
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point												
80/ 79				.2															1	1												
78/ 77			.2	.2	.2														3	3												
76/ 75		1.5	1.7	1.3		.2													22	22												
74/ 73	.2	2.0	2.2	1.1		.2	.4												28	28	17	8										
72/ 71		4.8	2.6	1.7	.4														44	44	18	17										
70/ 69	.7	5.2	2.8	1.7	1.1														53	53	48	34										
68/ 67	1.1	5.2	3.9	1.3	.7	.2													57	57	45	41										
66/ 65	2.0	6.1	2.6	1.3	.2	.2	.2												58	58	64	52										
64/ 63	1.1	5.7	2.4	1.1															47	47	56	48										
62/ 61	.7	5.0	2.0	.4	.7														40	40	51	57										
60/ 59	.4	5.9	2.2	.7	.2		.2												44	44	51	46										
58/ 57	.4	2.0	1.1	.9	.4														22	22	34	46										
56/ 55		3.7	.4			.2													20	20	25	30										
54/ 53		.9	.7	.9															11	11	22	28										
52/ 51		.9	.2				.2												6	6	9	18										
50/ 49		.2	.4																3	3	9	8										
48/ 47		.2																	1	1	9	9										
46/ 45																					1	5										
44/ 43																						8										
42/ 41																					1	2										
38/ 37																						2										
26/ 25																						1										
TOTAL	6.5	49.1	25.4	12.8	4.1	1.3	.7												460	460	460	460										

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3419483	39277	85.6	10.303	460							
Dry Bulb	1978898	30042	65.3	6.067	460			40.7	10.6	.2		90
Wet Bulb	1815822	28764	62.5	6.121	460			25.0	3.3			90
Dew Point	1721658	27956	60.3	7.027	460			.2	19.6	1.6		90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
90/ 89								.2										1	1									
89/ 87							.2	.4	.2	.2								5	5									
86/ 85					.2		.8	1.0	.4	.4								14	14									
84/ 83					1.0	2.4	2.4	1.2	.6	.2	.2							40	40									
82/ 81			.2	.2	1.6	3.3	3.3	1.6	.8									54	54									
80/ 79				2.4	2.0	3.1	1.4	1.8	.6									66	66									
78/ 77			1.0	2.8	3.1	2.2	2.8	1.6	.8	.2								82	82	5								
76/ 75		.8	1.4	3.0	3.5	3.7	1.6	2.0										79	79	17	1							
74/ 73		.8	2.0	1.8	2.2	3.5	1.4	.8	.4	.2								65	65	62	9							
72/ 71			.6	1.2	2.2	.6	.8	.2	.2									29	29	62	38							
70/ 69		.6	.4	1.0	1.2	.6	.4	.2	.2									23	23	94	45							
68/ 67	.4	.2		.6	.6	.6	.2	.4		.2								16	16	67	67							
66/ 65				.2	.4	.2	.6											7	7	63	68							
64/ 63				.2	.4	.4	.2											6	6	50	50							
62/ 61						.6	.2											4	4	28	48							
60/ 59					.2													1	1	14	35							
58/ 57																				12	42							
56/ 55																				6	28							
54/ 53																				6	14							
52/ 51																				4	17							
50/ 49																				2	7							
48/ 47																					4							
46/ 45																					8							
44/ 43																					7							
40/ 39																					2							
36/ 35																					1							
34/ 33																					1							
TOTAL	.4	2.4	5.7	13.6	20.7	24.2	16.7	11.0	4.3	.8	.2							492		492	492							

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1993549	30721	62.4	12.384	492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2900379	37693	76.6	5.076	492			86.7	74.3	26.0		90
Wet Bulb	2257703	33233	67.5	5.130	492			56.2	15.4			90
Dew Point	1940786	30706	62.4	7.030	492			29.3	1.8			90

PSYCHROMETRIC SUMMARY

69-70, 73-78

APR

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
96/ 95											.2	.2	.2								3	3										
94/ 93											.4	.2	.4	.2							6	6										
92/ 91											.8	.4		.2							7	7										
90/ 89									1.2	1.2	1.6	.4	.8								26	26										
88/ 87									1.8	2.7	2.3	1.6	1.0	.4							48	48										
86/ 85					.2	2.1	2.9	2.7	4.5	2.3	1.0										76	76										
84/ 83				1.0	1.6	3.7	3.7	2.5	1.0	.6											69	69										
82/ 81			.4	2.1	5.1	3.1	5.1	1.2	.4	.2											86	86										
80/ 79			.2	1.6	2.5	4.3	2.5	.6	.2												58	58	3									
78/ 77			.4	1.2	.8	2.3	1.0	1.6	1.0	.2											42	42	9									
76/ 75		.6	.2	.6	1.8	.8	1.0	.6	.2												29	29	42	1								
74/ 73		.6	.4	1.0	.4			.2													13	13	59	6								
72/ 71		.8		.2	1.0	.2		.4													13	13	65	26								
70/ 69				.6	.2	.2		.4													7	7	90	41								
68/ 67				.2	.2	.2															3	3	64	51								
66/ 65																							76	59								
64/ 63									.2												1	1	31	47								
62/ 61																							22	52								
60/ 59																							13	49								
58/ 57																							5	59								
56/ 55																							4	28								
54/ 53																							2	18								
52/ 51																							2	23								
50/ 49																								8								
48/ 47																								7								
46/ 45																								5								
44/ 43																								1								
42/ 41																								2								
40/ 39																								1								
38/ 37																								1								
36/ 35					</																											

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
96/ 95											.2							1	1														
94/ 93										.2	.2	.4	.2	.2				6	6														
92/ 91										.9	.9	.2						13	13														
90/ 89							.2	.2	2.5	2.2	2.7							37	37														
88/ 87							.7	1.1	2.7	1.3	1.3	.2						33	33														
86/ 85					.2	1.1	1.3	2.9	3.6	2.0	3.6	.7						69	69														
84/ 83					.2	1.6	2.7	4.7	2.5	1.6	1.1	.2						65	65														
82/ 81				.2	.2	.4	1.3	2.9	2.9	2.0								45	45														
80/ 79				.2	.7	1.8	1.3	2.5	2.5	2.0	.2	.2						51	51														
78/ 77				1.8	1.8	1.1	3.1	1.6	1.1	.7	.7	.2						54	54	2													
76/ 75		.2	.4	.7	.4	1.8	.9	.7	.9	.2								28	28	19													
74/ 73		.4	.2	1.1	.7	.4	.9	.9	.4		.4							25	25	48	3												
72/ 71			.2			.2	.4	.2		.2								6	6	79	15												
70/ 69	.2		.4		.4		.4		.2									8	8	75	27												
68/ 67		.2			.2	.2	.2											4	4	66	35												
66/ 65																				72	63												
64/ 63	.2																	1	1	35	47												
62/ 61																				20	55												
60/ 59																				16	33												
58/ 57																				8	45												
56/ 55																				2	46												
54/ 53																				3	20												
52/ 51																				1	19												
50/ 49																					16												
48/ 47																					7												
46/ 45																					6												
44/ 43																					2												
40/ 39																					3												
38/ 37																					3												
36/ 35																					1												
TOTAL	.4	.9	1.3	4.0	4.9	8.7	13.2	18.2	20.0	13.7	11.4	2.2	.2	.7				446	446	446													

Element (X)	ΣX'	ΣX	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1161583	22017	49,412.957		446							
Dry F	3007602	36542	81.9	5.532	446			89.8	86.2	59.5	1.4	90
Wet Bulb	2075581	30359	68.1	4.512	446			58.3	13.9			90
Dew Point	1646323	26925	60.4	6.847	446			16.1	.6			90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

12804	AVON PARK RANGE FLORIDA
STATION	STATION NAME

69-70, 73-78

APR

PAGE 1

ALL

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-75, 77-78
YEARS

MAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
76/ 75			1.8															1	1												
74/ 73		14.5	7.3															12	12												
72/ 71	3.6	18.2			1.8													13	13	18	9										
70/ 69	1.8	10.9			1.8													8	8	12	20										
68/ 67	7.3	12.7																11	11	9	7										
66/ 65		5.5		1.8														4	4	6	8										
64/ 63			1.8															1	1	3	2										
62/ 61		1.8	1.8															2	2		1										
60/ 59																				4	1										
58/ 57			1.8															1	1		1										
56/ 55		3.6																2	2		2										
54/ 53																				3	3										
52/ 51																					1										
TOTAL	12.7	67.3	14.5	1.8	3.6													55	55	55	55										
																						55		55							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

12804	AVON PARK RANGE FLORIDA
STATION	STATION NAME

69-70, 73-78

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point							
88/ 87									.2									1	1								
84/ 83																		1	1								
82/ 81			.4	.2		.2												4	4								
80/ 79		.2	1.8	3.7	.2	.4												32	32	1							
78/ 77		.8	1.8	3.6	1.4													38	38	3			3				
76/ 75	.6	2.8	3.2	3.4	1.6	.2	.2											60	60	23			10				
74/ 73	.4	4.1	4.7	2.0	1.0	.2												63	63	51			28				
72/ 71	.6	7.3	3.6	.6	1.0	.2												67	67	74			52				
70/ 69	2.0	9.7	3.0	.4	.4													78	78	97			92				
68/ 67	1.8	6.9	2.6	.2	.2													59	59	89			92				
66/ 65	.4	5.3	1.8	.6														41	41	58			74				
64/ 63	.8	4.3	1.8															35	35	48			57				
62/ 61	.2	.8	1.0															10	10	31			37				
60/ 59	.4	2.0	.2															13	13	18			26				
58/ 57		.6																3	3	8			17				
56/ 55		.2	.2															2	2	4			13				
54/ 53																				2			5				
52/ 51																							1				
TOTAL	7.1	45.0	25.8	14.6	5.7	1.2	.4		.2									507		507			507	507			
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	3806484		43664		86.1		9.539		507		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb	2562893		35949		70.9		5.245		507						73.9		36.5		3.9				93				
Wet Bulb	2350887		34449		67.9		4.487		507						62.0		14.3						93				
Dew Point	2250134		33690		66.4		4.756		507						50.8		7.5						93				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-78

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
94/ 93										.2	.2							2	2						
92/ 91					.2				.2	.4	.2							6	6						
90/ 89				.2	.2	1.0	1.2	.8		.6								20	20						
88/ 87					.4	2.4	3.8	1.8	.6	.2								46	46						
86/ 85			.2	.2	1.6	4.2	3.0	1.4	.8									57	57						
84/ 83				.8	3.8	5.5	3.6	2.4	1.8	.2								91	91	1					
82/ 81			.4	2.6	6.5	3.8	4.0	.4	1.2	.2								96	96	2					
80/ 79		.4	1.2	3.2	4.5	5.1	1.0	1.0		.2								84	84	13					
78/ 77		.2	2.0	3.0	2.6	1.6	.6											50	50	48					
76/ 75		.8	1.4	1.0	1.0	1.6		.2										30	30	86					
74/ 73		.2	1.0	.4	.2	.6	.2											13	13	142					
72/ 71		.2	.2		.2													3	2	75					
70/ 69		.8		.4	.4													8	8	75					
68/ 67																				109					
66/ 65																				39					
64/ 63																				68					
62/ 61																				13					
60/ 59																				58					
58/ 57																				7					
56/ 55																				34					
54/ 53																				4					
48/ 47																				25					
TOTAL		2.6	6.3	11.7	21.5	25.7	17.2	8.1	4.5	2.0	.4							506	506	506					

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																								
98/ 97								.2				.6						4	4																									
96/ 95								.4	.2	.4	.2	.8	.4	.4				12	12																									
94/ 93								.2	1.2	1.2	1.6	2.0	.4					35	35																									
92/ 91								1.0	.8	3.3	2.5	.6	.8					46	46																									
90/ 89								.4	2.1	3.7	4.5	1.0	1.2	.2				67	67																									
88/ 87							.2	2.5	5.3	5.5	1.6	2.7	1.4					98	98																									
86/ 85						.2	.6	3.3	3.3	4.7	3.1	2.9		.2				94	94																									
84/ 83					1.0	.8	1.0	1.2	2.7	2.3	1.2			.4	.2			58	58																									
82/ 81			.4	.4	.2	2.3	1.8	.8	.6	.2								34	34																									
80/ 79			1.0	1.0	.2	.2	.4	.6	.6									20	20																									
78/ 77			.6	.4	.6		.2	.4	.4									13	13																									
76/ 75	.4	.2	.8				.2	.6										11	11																									
74/ 73	.2	.6	.4				.2	.4										9	9																									
72/ 71		.4	.4															4	4																									
70/ 69	.2			.4														3	3																									
68/ 67	.2	.6																4	4																									
66/ 65																																												
64/ 63																																												
62/ 61																																												
60/ 59																																												
58/ 57																																												
56/ 55																																												
54/ 53																																												
52/ 51																																												
50/ 49																																												
46/ 45																																												
TOTAL	1.0	2.3	3.3	3.5	2.1	12.5	15.8	23.0	17.2	10.4	6.1	2.1	.6					512	512																									
Element (X)	Σ x ²				Σ x				Σ				Σ x				No. Obs.				Mean No. of Hours with Temperature																							
Rel. Hum.	1622560				28006				54,712,319				512				≤ 0 F				≤ 32 F				≥ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb	3812465				44097				86,13,331				512								92.0				91.0				83.6				9.3				93							
Wet Bulb	2752944				27488				73,23,986				512								87.7				57.8				3.6								93							
Dew Point	2334331				24449				67,35,681				512								56.5				12.8				.7								93							

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97								.3			.3	.3	.8		.3			7	7			
96/ 95										.3	1.5	.8						10	10			
94/ 93								.5	1.8		1.8	.8						22	22			
92/ 91							.8	1.8	2.0	2.3	.8							30	30			
90/ 89							1.3	3.0	4.6	1.0	1.0	.3						44	44			
88/ 87						.5	1.0	4.8	3.3	1.8	2.0							53	53			
86/ 85				.3	.5	3.3	2.3	2.5	4.1	2.8	1.3	.5						69	69			
84/ 83				1.0	.5	1.8	4.1	2.8	2.0	.8								51	51	1		
82/ 81			.5	1.0	2.0	1.3	1.0	.3	.5	.5								28	28			
80/ 79		.3	.5	1.0	2.0	.8		.8		.3								22	22	15	1	
78/ 77		.3	.5	1.3	1.0		.3	.5										15	15	32	2	
76/ 75	.3	1.0	1.0	.5	.3		.3											13	13	70	17	
74/ 73	.3	1.0					.8											8	8	104	28	
72/ 71	.3	1.8	.3				.3											10	10	57	48	
70/ 69	1.0	.8	.8															10	10	61	65	
68/ 67	.5																	2	2	35	70	
66/ 65																				8	49	
64/ 63																				9	27	
62/ 61																				2	27	
60/ 59																					28	
58/ 57																					18	
56/ 55																					7	
54/ 53																					3	
52/ 51																					2	
50/ 49																					1	
48/ 47																					1	
TOTAL	2.3	5.1	3.6	5.1	6.3	8.9	10.7	17.3	18.3	10.4	8.6	2.5	.8		.3			394	394	394	394	

Elements (X)	Σx ²	Σx	x̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1356569	22189	56.3	6.496	394							
Dry Bulb	2861913	33489	85.0	6.267	394			92.0	87.8	77.7	9.2	93
Wet Bulb	2077690	28576	72.5	3.614	394			88.5	52.4	.9		93
Dew Point	1766620	26282	66.7	5.356	394			54.5	11.3	.2		93

PSYCHROMETRIC SUMMARY

69-70, 73-78

MAY
MONTH

PAGE 1 -1800-2000
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
90/ 89						.4		.8										3	3													
88/ 87						.4	.4		1.6	.4	.4							8	8													
86/ 85						.8	.8	.8										7	7													
84/ 83				.8	4.0	2.4	2.0	.8	.8									22	22													
82/ 81			.4	.8	1.6	5.1	2.0	1.2	1.6									32	32													
80/ 79		.4		1.2	4.0	5.1	2.8	.4	.4									36	36													
78/ 77			2.8	5.5	4.0	3.6	1.2		.4									44	44	6	1											
76/ 75		.4	4.0	6.3	4.4	1.2	.4		.4									38	38	14	4											
74/ 73	.4	5.1	2.0	2.0	1.6	.4		.4										30	30	49	7											
72/ 71		2.8			1.2		.4											11	11	58	41											
70/ 69		2.0	1.6			.8												11	11	55	37											
68/ 67		.8	1.6	.4		.4												8	8	33	51											
66/ 65		.8																2	2	21	38											
64/ 63																				8	24											
62/ 61			.4															1	1	3	24											
60/ 59																				3	10											
58/ 57																				2	4											
56/ 55																					6											
54/ 53																					2											
52/ 51																					3											
50/ 49																					1											
TOTAL	.4	12.2	12.6	17.0	17.0	20.6	9.9	4.3	5.1	.4	.4							253	253	253												
																		253		253												

PSYCHROMETRIC SUMMARY

69-70, 73-78

MAY

PAGE 1 2100-2300
HOURS (U. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
82/ 81				.7														1	1													
78/ 77			2.9	3.6														9	9													
76/ 75		2.2	6.5	.7	.7	.7												15	15	1												
74/ 73		8.7	9.4	4.3		.7												32	32	11	3											
72/ 71	10.9	6.5	8.0	2.2														38	38	32	20											
70/ 69	.7	5.1	8.7	1.4														22	22	28	35											
68/ 67		2.2	2.9	2.2	1.4													12	12	25	18											
66/ 65		2.2		.7														4	4	22	17											
64/ 63			.7	.7														2	2	9	21											
62/ 61			2.2															3	3	4	11											
60/ 59																				2	4											
58/ 57																				1	4											
56/ 55																				3	1											
54/ 53																					1											
52/ 51																					1											
50/ 49																					2											
TOTAL	.731	2.37	7.24	6.4	4.3	1.4												138	138	138	138											

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	969714	11500	83.3	9.114	138	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	711580	2698	71.7	3.470	138			86.9	38.4	.7		93
Wet Bulb	643952	9412	68.2	3.846	138			65.4	8.1			93
Dew Point	610725	9157	66.4	4.766	138			51.2	2.0			93

PSYCHROMETRIC SUMMARY

MAY

STAT CN

STATION NAME

YEARS

MONTH

PAGE 1

ALL

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97								.1			.0	.2	.1		.0			11	11																
96/ 95							.0	.1	.1	.1	.4	.2	.1					22	22																
94/ 93						.1	.0	.3	.5	.5	.7	.2						59	59																
92/ 91				.0	.2	.2	1.0	.9	.5	.3								82	82																
90/ 89			.0	.0	.3	.9	1.4	1.6	.5	.4	.1							134	134																
88/ 87				.1	1.1	2.0	2.2	1.1	.9	.6								206	206																
86/ 85			.0	.1	.9	2.1	1.7	1.7	1.4	1.0	.2	.1						227	227	1															
84/ 83				.6	1.2	1.9	1.8	1.5	1.2	.4		.1	.0					223	223	6	1														
82/ 81			.3	.9	1.8	1.9	1.5	.4	.6	.2								195	195	9	4														
80/ 79		.2	.9	1.8	1.7	1.7	.5	.5	.2	.1								194	194	55	6														
78/ 77		.3	1.3	2.3	1.3	.7	.3	.2	.1									169	169	154	16														
76/ 75	.3	1.2	2.0	1.6	.8	.6	.2	.0	.0									172	172	368	86														
74/ 73	.2	2.6	2.1	.9	.4	.4	.0	.0										175	175	466	178														
72/ 71	.3	3.5	1.3	.5	.5	.1	.0											162	162	394	327														
70/ 69	.9	4.2	1.5	.3	.2	.1												188	188	417	471														
68/ 67	1.1	3.2	1.1	.2	.1	.0												149	149	320	421														
66/ 65	.1	2.2	.5	.2														79	79	178	329														
64/ 63	.4	1.7	.7	.0														74	74	126	241														
62/ 61	.1	.6	.3	.1														28	28	73	181														
60/ 59	.2	.5	.2															22	22	42	151														
58/ 57		.2	.0															6	6	15	82														
56/ 55		.2	.1															7	7	12	43														
54/ 53																				8	25														
52/ 51																					13														
50/ 49																					6														
48/ 47																					2														
46/ 45																					1														
TOTAL	3.620	7.12	3.9	6.8	7.11	2.9	2.9	2.9	7.6	4.1	2.6	.8	.2		.0			2584	2584	2584															
																		2584		2584															

Element (X)	ΣX'	ΣX	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel Hum	13540578	180888	70.018	435	2584							
Dry Bulb	16119602	202896	78.5	8.535	2584			681.8	538.1	363.9	26.5	744
Wet Bulb	12942042	182460	70.6	4.750	2584			613.3	237.6	8.6		744
Dew Point	11621441	172781	66.9	5.143	2584			434.8	83.8	2.3		744

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79		.9	1.7																3	3				
78/ 77		7.7		.9															10	10	2	1		
76/ 75	.9	12.0	1.7	.9															18	18	16	14		
74/ 73	2.6	12.0	10.3																29	29	14	15		
72/ 71	4.3	17.9	3.4	.9															31	31	32	21		
70/ 69	3.4	8.5	2.6	.9															18	18	32	37		
68/ 67		2.6	2.6																6	6	8	14		
66/ 65		.9	.9																2	2	12	5		
64/ 63																					1	8		
62/ 61																						2		
TOTAL	11.16	2.42	3.1	3.4															117		117	117		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	981254	10694	91.4	5.727	117							
Dry Bulb	619920	8510	72.7	2.854	117			88.5	46.2			90
Wet Bulb	589594	8298	70.9	3.043	117			80.0	24.6			90
Dew Point	577323	8209	70.2	3.424	117			78.5	23.1			90

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77				.4	.4													2	2					
76/ 75	2.2	11.3	1.8	.4														43	43	14	14			
74/ 73	4.4	16.4	4.4															69	69	44	35			
72/ 71	2.6	23.0	2.6															77	77	83	70			
70/ 69	4.7	16.8	.4															60	60	82	87			
68/ 67	.4	5.1																13	13	33	45			
66/ 65		2.2																6	6	11	10			
64/ 63		.7																2	2	5	10			
62/ 61																				2	2			
60/ 59																					1			
TOTAL	14.2	75.5	9.1	.7	.4													274	274	274	274			
																						</		

PSYCHROMETRIC SUMMARY

12804	AVON PARK RANGE FLORIDA
STATION	STATION NAME

69-70, 73-78

JUN

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87				.2	.2	.2												1	1					
86/ 85				.8	1.8	1.8	.2											2	2					
84/ 83				2.4	5.1	1.8	.2											23	23					
82/ 81			2.4	5.1	.8													42	42					
80/ 79		1.6	5.9	4.3	.2													61	61	5	1			
78/ 77		3.7	6.3	2.0	.4													63	63	40	14			
76/ 75	.4	1.2	6.1	.8	.2													95	95	100	53			
74/ 73	1.6	1.8	2.8	.6														85	85	141	130			
72/ 71	1.8	1.4	1.6															88	88	106	155			
70/ 69	1.0	5.1	.6															34	34	85	96			
68/ 67	.4	1.4																9	9	22	42			
66/ 65		.6																3	3	7	9			
64/ 63		.2																1	1		6			
62/ 61																				1				
60/ 59																					1			
TOTAL	5.149	7.26	4.14	8	3.6	.4												507	507	507	507			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3955796	44612	88.0	7.737	507	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2899373	38285	75.5	4.066	507			89.3	66.0	17.8		90
Wet Bulb	2690062	36902	72.8	2.864	507			88.6	50.8	.4		90
Dew Point	2510432	36354	71.7	2.704	507			87.2	35.1			90

PSYCHROMETRIC SUMMARY

69-70, 73-78

JUN
MONTH

PAGE 1 0900-1100
HOURS (L S T-1)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
94/ 93								.4	.4									4	4					
92/ 91					.2	.6	2.2	1.6	.6									26	26					
90/ 89				.6	3.3	4.3	2.2	.2										54	54					
88/ 87			.2	.2	4.1	8.8	5.5	.4										98	98					
86/ 85				3.5	10.2	8.4	1.0	1.0										123	123					
84/ 83			.2	6.9	7.2	2.0	.2	.4	.2									88	88	2				
82/ 81		.2	1.8	3.7	3.1	.8	.4	.2										52	52	15				
80/ 79			2.5	2.7	.4	.2	.2											31	31	99				
78/ 77	.2	1.2	1.0	.4	.4	.2												17	17	180				
76/ 75	.2	.6	.4	.4		.2												9	9	137				
74/ 73	.4	.2	.2															4	4	51				
72/ 71	.6																	3	3	15				
70/ 69	.2																	1	1	8				
68/ 67																				3				
66/ 65																								
64/ 63																								
62/ 61																								
TOTAL	1.6	2.2	6.3	17.8	26.5	24.5	13.7	6.1	1.4									510	510	510				
																					510		510	

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

JUN

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15	16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	Dry Bulb	Wet Bulb	Dew Point															
98/ 97											.3	.8																				4	4			
96/ 95								.5	.5		1.4	1.1	.3																			14	14			
94/ 93							.3	2.2	2.7		1.6	.8	.5																			30	30			
92/ 91							.8	1.6	6.5	2.4	.5	.8																				47	47			
90/ 89						.3	1.6	4.9	2.7	2.2	.3		.5																			46	46			
88/ 87						2.2	4.2	3.5	.8	.5	1.1	.3																				47	47			
86/ 85					.8	2.2	3.0	1.4		.8	.5																					32	32			
84/ 83				1.1	2.7	1.0	.8		.3																							24	24	1		
82/ 81		.3	1.6	2.2	2.2																											23	23	14	1	
80/ 79			2.4	3.2	.8	.3																										25	25	44	5	
78/ 77	.5	1.6	3.0	1.4	.3																											25	25	100	21	
76/ 75	.5	4.6	1.9	.3																												27	27	91	39	
74/ 73	1.1	2.7	.3																													15	15	72	104	
72/ 71	1.6	1.1																														10	10	31	109	
70/ 69	.3																															1	1	13	46	
68/ 67																																		4	16	
66/ 65																																			8	
64/ 63																																			7	
62/ 61																																			8	
60/ 59																																			2	
58/ 57																																			2	
56/ 55																																			2	
TOTAL	4.1	10.3	9.2	8.9	10.5	11.9	12.2	12.7	9.5	5.7	3.8	1.4																				370	370	370		
Element (X)	Σ X ¹			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum	1722937			24923			66.2			17.076			370			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	2702800			31228			85.2			6.641			370									90.0			87.3			68.4			11.7			90		
Wet Bulb	2125093			28021			75.7			2.849			370									90.0			78.3			6.6						90		
Dew Point	1912595			26565			71.8			3.790			370									82.9			41.4			.2						90		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
94/ 93											.7	.4						3	3													
92/ 91											.7							4	4													
90/ 89							.4	.7	1.1			.4						7	7													
88/ 87							.7	2.8	1.4	.7								16	16													
86/ 85				.7	1.8	3.5	1.4	.7	1.1									26	26													
84/ 83				3.2	3.9	2.5		.7	.4									30	30													
82/ 81			1.4	4.6	4.6	1.1	.4											34	34													
80/ 79		.4	2.8	8.5	.7	1.8	.7											42	42		3											
78/ 77		3.2	6.0	3.2	1.4	.4	.4											41	41	34	6											
76/ 75	1.1	7.1	5.3	1.1	.4	.4												43	43	71	25											
74/ 73		3.9	3.2															20	20	103	56											
72/ 71	1.4	3.5																14	14	41	99											
70/ 69	.4	.7																3	3	25	55											
68/ 67																				6	17											
66/ 65																					9											
64/ 63																					5											
62/ 61																					10											
60/ 59																					1											
TOTAL	2.8	18.7	18.7	21.2	12.7	10.6	6.4	4.6	2.6	.7	.7							283	283	283	283											
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	1671154		21388		75.613		932		283		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	1815405		22623		79.9		4.955		283						90.0		84.6		46.1		1.0		90									
Wet Bulb	1542463		20881		73.8		2.505		283						90.0		67.1		.6				90									
Dew Point	1432638		20114		71.1		3.289		283						82.0		27.7						90									

PSYCHROMETRIC SUMMARY

69-70, 73-78

JUN
MONTH

PAGE 1 2100-2300
HOURS (L E T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85							.6											1	1				
84/ 83						.6												1	1				
82/ 81			1.3	1.3	1.3													6	6				
80/ 79		1.3	5.1	3.8	1.9													19	19				
78/ 77		5.7	10.8	3.2	.6		.6											33	33	7	1		
76/ 75		10.8	7.0	1.3	1.9	.6												34	35	26	13		
74/ 73	3.8	11.4	5.1	1.3	.6													35	35	49	40		
72/ 71	.6	10.1	1.9	1.9														23	23	42	44		
70/ 69		.6	1.9	1.3														6	6	16	31		
68/ 67																				10	10		
66/ 65																				8	5		
64/ 63																					10		
62/ 61																					3		
60/ 59																					1		
TOTAL	4.439	9.32	9.13	9	0.3	1.9	.6											158	159	158	158		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

YEARS

JUN

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97									.0	.2	.1							11	11																
96/ 95								.1	.2	.6	.3	.1						34	34																
94/ 93						.0	.3	.9	1.2	.4	.1	.1						83	83																
92/ 91					.1	.6	1.8	3.0	1.4	.3	.1							196	196																
90/ 89				.1	.3	1.6	3.3	1.7	.7	.1	.0	.1						217	217																
88/ 87			.0	.1	1.4	3.3	2.6	.5	.2	.2	.0							228	228																
86/ 85	.0			1.2	2.8	3.1	.8	.4	.4	.1								239	239	1	1														
84/ 83			.2	2.3	2.9	1.2	.1	.1	.1	.0								194	194	9	1														
82/ 81		.1	1.3	2.8	1.8	.3	.1	.1										173	176	67	6														
80/ 79	.0	.5	2.8	3.0	.4	.3	.1											194	194	277	24														
78/ 77	.1	2.2	3.1	1.3	.4	.1	.1											199	199	527	140														
76/ 75	.6	6.1	2.7	.5	.2	.1												278	279	564	371														
74/ 73	1.4	6.0	2.1	.2	.0													266	266	517	691														
72/ 71	1.4	6.8	.8	.1														250	250	366	722														
70/ 69	.9	3.1	.4	.1														124	124	267	448														
68/ 67	.1	.9	.1															30	30	90	170														
66/ 65		.4	.0															11	11	38	55														
64/ 63		.1																3	3	6	57														
62/ 61																				3	31														
60/ 59																					9														
58/ 57																					4														
56/ 55																					2														
TOTAL	4.6	26.1	113.6	11.7	10.3	10.6	9.2	6.8	4.3	1.9	.7	.2						2732	2734	2732	2732														

Element (X)	ΣX ²	ΣX	\bar{X}	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref Hum	16422965	207171	75.8	16.157	2732	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	18053329	221247	80.9	7.386	2734			716.3	609.9	387.9	33.7	720
Wet Bulb	15205759	203585	74.5	3.573	2732			707.6	517.1	43.0		720
Dew Point	14158526	196458	71.9	3.382	2732			678.4	325.2	3.2		720

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
80/ 79			1.3															1	1															
78/ 77	2.6	1.3	1.3															13	13	3	3													
76/ 75	2.6	1.2	3.9															29	29	18	16													
74/ 73	5.2	4.7																23	23	31	28													
72/ 71	1.3	1.0																11	11	23	27													
70/ 69																				2	3													
TOTAL	11.7	8.8	6.5															77	77	77	77													

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0300-0500

HOURS (L, S, T, J)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
78/ 77		2.8																7	7															
76/ 75	.42	9.8	1.2															79	81	20	19													
74/ 73	4.03	0.2	1.2															89	90	109	93													
72/ 71	4.81	7.5																56	56	82	89													
70/ 69	3.2	4.8	.4															21	21	37	42													
68/ 67																				3	8													
66/ 65																				1														
64/ 63																					1													
TOTAL	12.38	4.9	2.8															252	255		252													
																						252		252										

PSYCHROMETRIC SUMMARY

JUL
MONTH

0600-0800
MOJAS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87								.2										1	1						
86/ 85				.6	.2	.2	.2											6	6						
84/ 83			1.4	4.0	1.6													35	36						
82/ 81		.2	8.5	3.0	.8													62	62						
80/ 79		1.8	8.9	2.0		.2												64	64	17	3				
78/ 77		9.5	5.9	.4														78	79	88	35				
76/ 75	1.4	18.2	2.0	.2														108	109	132	129				
74/ 73	1.8	13.9	1.2	.2														85	85	145	159				
72/ 71	3.0	5.7	.4															45	45	87	125				
70/ 69	.2	1.8																10	10	22	32				
68/ 67		.2																1	1	3	10				
66/ 65																				1	2				
TOTAL	6.5	51.2	28.3	10.5	2.6	.4	.2	.2										495	498		495				

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum	3935739	43981	88.9	7.529	495	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2956875	38229	77.0	3.713	498			93.0	82.5	25.6		93
Wet Bulb	2742853	36827	74.4	2.464	495			92.8	71.8	.8		93
Dew Point	2672538	36354	73.4	2.299	495			92.6	61.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

JUL

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb:Dew Point														
94/ 93							.2	.4		.2								5	5														
92/ 91						.4	1.0	2.4	.6									22	22														
90/ 89						1.0	2.4	4.9	.2									75	75														
88/ 87			.2	1.6	10.2	13.9	2.7		.2									141	141														
86/ 85			1.0	7.6	11.0	3.5	.4											115	116														
84/ 83			1.4	8.6	3.9	.4												70	70														
82/ 81		.2	3.5	3.1	.2	.2												35	35													5	
80/ 79		.4	1.8	.2														12	12													29	
78/ 77		.4	.6															5	5													126	
76/ 75		1.6	.2															9	9													183	
74/ 73	.2																	1	1													108	
72/ 71																																	30
70/ 69																																	7
68/ 67																																	1
66/ 65																																	1
TOTAL	.2	2.7	8.8	21.0	26.7	28.4	10.8	.8	.4	.2																						490	
																		490														490	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	2497353	34753	70.9	8.154	490	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 75 F	Total
Dry Bulb	3627769	42233	86.0	3.235	491			93.0	93.0	89.4	.9	93
Wet Bulb	3008140	38382	78.3	1.839	490			93.0	92.6	23.7		93
Dew Point	2791823	36971	75.5	2.180	490			92.8	85.6	2.0		93

PSYCHROMETRIC SUMMARY

69-70, 73-78

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97									.2		.4	.4						5	5																
96/ 95								.4	1.2	.8	.6							15	15																
94/ 93							1.4	2.8	5.2	3.0								62	62																
92/ 91					.8	5.2	8.8	8.0	1.0	.2								120	120																
90/ 89				.2	2.0	9.8	10.4	3.6	.2									131	131																
88/ 87				.4	2.8	7.4	1.6	.8										65	65																
86/ 85					1.2	4.8	1.2											36	36	1															
84/ 83			.4	1.2	1.0	.2												14	14	19															
82/ 81			.4	1.2	.8													12	12	71	6														
80/ 79		.2	1.0	1.2														12	12	188	32														
78/ 77		.8	.6	.4														9	9	144	92														
76/ 75	.4	1.6	.4	.2														13	13	52	142														
74/ 73		.6	.4															5	5	17	132														
72/ 71		.4																2	2	8	72														
70/ 69																				1	20														
68/ 67																					5														
TOTAL	.4	3.6	3.2	6.0	12.2	23.1	24.0	19.0	5.0	1.2	.4							501	501	501															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2099431	32015	63.916	354	501	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3928628	44472	88.8	4.692	501			93.0	92.6	86.5	15.2	93
Wet Bulb	3096923	39372	78.6	2.370	501			93.0	91.3	82.3		93
Dew Point	2806640	37476	74.8	2.587	501			93.0	75.0	3.3		93

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97										.3	.3							2	2																
96/ 95							.9	.6	1.9	1.3								15	15																
94/ 93						.5	2.2	5.0	3.5	.6	.3							40	40																
92/ 91						3.9	6.9	4.7	1.6									54	54																
90/ 89				.3		4.4	7.6	2.8										48	48																
88/ 87					2.5	4.4	.3		.3									24	24																
86/ 85				.9	4.4	3.2		.3										28	28																
84/ 83				2.2	4.7		.3											23	23	10															
82/ 81			1.9	1.9	1.3													16	16	28	2														
80/ 79		.3	4.1	.9														17	17	89	14														
78/ 77		2.2	1.6	.9														15	15	87	39														
76/ 75		2.8	1.9															15	15	57	78														
74/ 73	.3	2.5	.3															10	10	27	101														
72/ 71	1.6	.6																7	7	15	67														
70/ 69	.9																	3	3	4	12														
68/ 67																					1														
66/ 65																					3														
TOTAL	2.0	8.5	9.8	7.3	12.9	16.7	18.3	13.6	7.3	2.2	.6							317	317		317														

Element (X)	Σ x ²	Σ x	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	1522614	21516	67.9	14.034	317								
Dry Bulb	2385949	27423	86.5	6.571	317			93.0	90.1	76.3	16.7		93
Wet Bulb	1907653	24575	77.5	2.818	317			93.0	87.4	21.4			93
Dew Point	1744551	23503	74.1	2.511	317			92.1	68.6	1.5			93

PSYCHROMETRIC SUMMARY

YEARS

JULY
MONDAY

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																					
94/ 93							.4											1	1																							
92/ 91								.4	.9									3	3																							
90/ 89						1.3	1.3	.9	.4									9	9																							
88/ 87					.4	1.8	2.7	.9										13	13																							
86/ 85					.4	4.5	3.1											18	18																							
84/ 83			1.3	3.1	4.5	.9	.4											23	23		1																					
82/ 81			3.6	8.1	1.8	.4												31	31		5																					
80/ 79		1.3	8.5	3.1	.9													31	31	15	5																					
78/ 77	.4	1.8	8.5	.9														26	26	44	21																					
76/ 75	.4	5.8	3.6															22	22	67	34																					
74/ 73	.9	1.2	.4															28	28	49	77																					
72/ 71	1.8	4.9																15	15	35	67																					
70/ 69	.4																	1	1	5	15																					
68/ 67	.9																	2	2	2	4																					
TOTAL	4.9	25.1	26.0	16.1	14.8	9.0	2.7	1.3										223	223	223	223																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 74-78
YEARS

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83			5.8																1	1															
82/ 81			4.9	5.8															7	7															
80/ 79		5.7	10.7	2.5															23	23	2														
78/ 77		9.0	14.8	2.5															32	32	15	10													
76/ 75		19.7	4.1																29	29	34	24													
74/ 73		14.8																	18	18	41	45													
72/ 71	3.3	6.6																	12	12	28	39													
70/ 69																					2	4													
TOTAL	3.3	55.7	35.2	5.7															122	122	122	122													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	983305	10933	89.6	5.414	122	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	715688	9338	76.5	2.799	122			93.0	83.9	15.2		93
Wet Bulb	672267	9053	74.2	2.012	122			93.0	70.1			93
Dew Point	656921	8949	73.4	2.012	122			93.0	60.2			93

PSYCHROMETRIC SUMMARY

69-70, 72-78.

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
98/ 97								.0		.1	.1							7	7													
96/ 95								.2	.3	.4	.3							30	30													
94/ 93							.5	.9	1.7	1.1	.1	.0						108	108													
92/ 91					.2	1.7	3.2	2.4	.4	.0								199	199													
90/ 89				.1	.7	4.5	4.1	1.2	.0									263	263													
88/ 87			.0	.4	3.1	5.0	1.0	.2	.1									244	244													
86/ 85			.2	2.0	4.2	1.7	.1	.0										203	204	1												
84/ 83			.8	3.3	2.3	.2	.1											166	167	37												
82/ 81		.1	3.3	2.5	.7	.1												163	164	143	13											
80/ 79		.9	4.2	1.2	.1	.0												160	160	488	33											
78/ 77	.1	3.7	3.1	.5														185	186	582	326											
76/ 75	.5	10.1	1.5	.1														304	307	427	625											
74/ 73	1.1	8.8	.5	.0														259	260	436	743											
72/ 71	1.7	4.2	.1															148	148	280	516											
70/ 69	.5	.8	.0															35	35	73	135											
68/ 67	.1	.0																3	3	8	29											
66/ 65																				2	6											
64/ 63																					1											
TOTAL	4.0	28.8	13.8	10.1	11.3	13.7	9.6	5.9	2.0	.6	.2							2477	2484		2477											
Element (X)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total											
Rel. Hum.	15305584		192548		77.714		740		2477		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	16886431		204065		82.2		7.013		2484						744.0		688.3		440.9		43.4		744									
Wet Bulb	14423286		188848		76.2		3.203		2477						743.4		635.0		116.8				744									
Dew Point	13594870		182400		74.0		2.520		2477						741.9		537.7		12.6				744									

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
80/ 79			.8															1	1									
78/ 77		7.6	5.1															15	15	1								
76/ 75	1.7	4.9	1.7															57	57	24	16							
74/ 73	5.1	2.0																32	32	67	66							
72/ 71	2.5	6.8																11	11	24	29							
70/ 69	.8	.8																2	2	2	6							
68/ 67																					1							
TOTAL	10.2	82.2	7.6															118	118	118	118							

PSYCHROMETRIC SUMMARY

YEARS **AUG MONTH**

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79			.3															1	1					
78/ 77		1.1	.3															5	5					
76/ 75	1.1	3.7	.9															125	125	26	25			
74/ 73	9.1	3.7																157	157	198	184			
72/ 71	4.0	10.6																51	51	106	113			
70/ 69	.6	2.3																10	10	15	22			
68/ 67		.3																1	1	5	5			
66/ 65																					1			
TOTAL	14.983.7	1.4																350	350	350	350			

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-78

AUG
MONTH

PAGE 1 0600-0800

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

PAGE 1 7900-1100
DHS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93						.2		.2										2	2																
92/ 91						.2	.9	1.5										16	16																
90/ 89						1.6	7.5	5.6	.7									85	85																
88/ 87			.2	.9	7.3	11.5	4.2	.2										133	133																
86/ 85			.2	9.5	14.8	4.6												159	159																
84/ 83			3.3	9.1	4.4	.7		.2										97	97															6	
82/ 81		.2	2.6	2.6	.4													31	31															7	
80/ 79		.4	2.4	.5	.2													19	19															23	
78/ 77		.7																4	4															149	
76/ 75	.2	.2																2	2															189	
74/ 73		.2																1	1															143	
72/ 71																																			31
70/ 69																																			5
68/ 67																																			1
64/ 63																																			1
TOTAL	.2	1.6	8.6	22.6	29.1	25.3	11.3	1.3											549															549	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	2807185	39021	71.1	7.843	549	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4055314	47158	85.9	2.877	549			93.0	93.0	91.1	.3	93
Wet Bulb	3363446	42974	78.3	1.696	549			93.0	92.7	20.8		93
Dew Point	3125124	41404	75.4	2.159	549			92.8	86.6	1.9		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70, 73-78

AUG

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97										.2								1	1																
96/ 95							.4		.6	.9	.2							11	11																
94/ 93						1.5	3.0	3.2	2.4	.4								56	56																
92/ 91					.2	2.8	10.4	7.1	3.2	.9								132	132																
90/ 89		.2		.4	1.3	5.8	12.1	5.4	.9	.2	.2							142	142																
88/ 87			.2	.2	2.4	6.7	3.0	.6		.2								71	71	1															
86/ 85		.2	.2	1.9	3.3	.9	.2											36	36	4	1														
84/ 83			.7	2.0	1.1													21	21	21	3														
82/ 81		.4	.9	1.1														13	13	52	6														
80/ 79		.7	1.3	.9	.2													17	17	175	29														
78/ 77	.4	1.3	1.1	.2														16	16	185	86														
76/ 75	.4	1.7																11	11	60	130														
74/ 73	.4	1.1	.2															9	9	32	165														
72/ 71	.4																	2	2	7	76														
70/ 69																				1	25														
68/ 67																					14														
64/ 63																					2														
62/ 61																					1														
TOTAL	1.5	5.6	4.6	6.7	8.6	18.0	28.6	16.7	7.4	2.0	.2							538	538	538	538														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2305220	34594	64.3	12.265	538	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	4210570	47524	88.3	4.836	538			93.0	92.7	85.6	11.8	93
Wet Bulb	3300271	42117	78.3	2.429	538			93.0	91.6	26.1		93
Dew Point	2986456	40052	74.4	2.971	538			92.5	72.6	4.1		93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
96/ 95							.3	.9	.6	.6	.6							10	10									
94/ 93							.6	1.5	3.1	4.3	1.8							37	37									
92/ 91						.3	.9	3.1	5.2	1.5	1.2							40	40									
90/ 89			.3			.3	6.1	7.3	2.4	.9	.3							58	58									
88/ 87			.3			2.4	5.5	2.8										36	36									
86/ 85			.3	.9	4.0	2.4	.6	.3										28	28	2	1							
84/ 83			.9	4.0	3.7	.3												29	29	4	1							
82/ 81		1.2	2.4	1.8	.9	.3												22	22	21	4							
80/ 79		1.5	4.6	1.2														24	24	80	8							
78/ 77		1.8	1.5	.3														12	12	115	44							
76/ 75		4.0	.6	.3														16	16	59	81							
74/ 73	1.2	2.4																12	12	34	99							
72/ 71	.6																	2	2	11	59							
70/ 69		.3																1	1	1	14							
68/ 67																					14							
66/ 65																					2							
TOTAL	1.8	11.3	11.0	8.6	11.6	16.5	15.3	11.9	7.3	4.0	.6							327	327		327							

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1607068	22402	68.5	14.898	327	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93
Dry Bulb	2427042	48162	86.1	5.982	327			93.0	92.1	76.8	13.4	93
Wet Bulb	1958759	43295	77.4	2.520	327			93.0	89.6	15.6		93
Dew Point	1792937	44195	74.0	2.893	327			92.4	67.7	2.6		93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

 AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91										.5								1	1																
90/ 89							.5	1.1	.5									4	4																
88/ 87					1.1	2.2	1.1	1.1										10	10																
86/ 85				1.6	2.2	3.2												15	15																
84/ 83			1.1	4.4	5.3	1.1												18	18																
82/ 81		.5	6.0	9.8														30	30	1															
80/ 79		2.2	10.9	7.7	.5													39	39	13	1														
78/ 77	1.6	6.6	6.0	.5														27	27	46	19														
76/ 75		5.5	4.4															18	18	68	44														
74/ 73	2.7	4.9																14	14	40	68														
72/ 71	2.2	1.1																6	6	13	42														
70/ 69		.5																1	1	2	8														
68/ 67																					1														
TOTAL	6.6	21.3	28.4	24.0	8.2	7.1	2.2	1.6		.5									183	183	183														
																			183		183														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1249722	14986	81.9	11.121	183	≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	
Dry Bulb	1174344	14638	80.0	4.363	183			93.0	89.4	52.9		93
Wet Bulb	1045261	13625	75.5	2.137	183			93.0	85.4	2.0		93
Dew Point	996861	13201	73.8	2.112	183			93.0	67.1	.5		93

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-74, 76-78

YEARS

 AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB/W.B.	Dry Bulb	Wet Bulb	Dew Point												
84/ 83					.7													1	1														
82/ 81			1.3	3.3														7	7														
80/ 79		7.2	9.2															25	25														
78/ 77	.720	3.18	3	1.3														62	62	13	5												
76/ 75	.715	7	3.9															31	31	63	42												
74/ 73	3.9	8.5	1.3															21	21	57	71												
72/ 71	2.0	2.0																6	6	15	29												
70/ 69																				2	6												
TOTAL	7.253	634.0	4.6	.7														153	153	153	153												

USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 AUG
MONTH

ALL

ALL
HOURS (L. S. T.)

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	18020630	219342	79.215	274	2769	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	Total
Dry Bulb	18588148	226102	81.76	743	2769			744.0	706.7	418.1	31.4	744
Wet Bulb	16076566	210832	76.12	932	2769			744.0	661.8	90.0		744
Dew Point	15213301	205132	74.12	2452	2769			741.6	571.2	12.1		744

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. I.)

[illegible]

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	781420	8232	92.6	3.982	89	$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total
Dry Bulb	505371	6705	75.3	1.637	89			90.0	86.0			90
Wet Bulb	486640	6580	73.9	1.363	89			90.0	80.9			90
Dew Point	480919	6541	73.5	1.478	89			90.0	66.7			90

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

WFO
4/11/04

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
82/ 81					.5													1	1																	
78/ 77		1.9																4	4																	
76/ 75	2.4	2.2																50	50	15	14															
74/ 73	9.4	9.0																90	90	96	85															
72/ 71	5.7	5.1																44	44	67	74															
70/ 69	2.4	8.0																22	22	29	32															
68/ 67	.5																	1	1	5	7															
TOTAL	20.3	79.2			.5													212	212		212															
																						212		212												
</																																				

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
84/ 83			.6	.6	.4													8	8														
82/ 81		.2	3.6	1.4	.4													28	28														
80/ 79		2.4	7.3	1.0														53	53	6	1												
78/ 77	.2	10.5	4.6	.2														77	77	49	24												
76/ 75	2.2	17.8	1.8	.2														109	109	124	111												
74/ 73	6.9	18.4	1.2															131	131	164	166												
72/ 71	3.6	9.3	.6															67	67	106	129												
70/ 69	1.6	2.0																18	18	37	48												
68/ 67	.2	.6																4	4	9	16												
TOTAL	14.7	61.2	19.8	3.4	.8													495		495	495												
																						495		495									
</																																	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-78

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
92/ 91						.4	.4											4	4															
90/ 89					.6	5.1	2.3	.4										41	41															
88/ 87		.2	.8	5.7	7.2	2.9	.2											83	83															
86/ 85			5.5	12.3	8.2													127	127															
84/ 83			3.7	12.3	7.2	.6												116	116	2	1													
82/ 81	.2	5.3	6.4	1.0														63	63	12														
80/ 79	.8	3.5	1.4	.0														31	31	145	12													
78/ 77	.8	1.0	1.0															14	14	200	121													
76/ 75	1.0		.2															6	6	101	152													
74/ 73	.6																	3	3	18	136													
72/ 71																				9	53													
70/ 69																				1	11													
68/ 67																					2													
TOTAL		3.5	13.7	27.7	27.5	21.5	5.5	.6										488	488	488	488													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 90^\circ\text{F}$
Rel. Hum.	2660397	25412	73.4	8.129	488						
Dry Bulb	2482891	41197	84.4	3.216	488			90.0	90.0	83.2	90
Wet Bulb	2935751	57839	77.5	1.898	488			90.0	88.2	12.4	90
Dew Point	2743136	36372	74.9	2.189	488			90.0	77.8	1.1	90

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
96/ 95								.2	.2									2	2															
94/ 93							1.6	3.2	.8	.6								31	31															
92/ 91				.2		.6	9.8	4.0	1.6	.4								93	93															
90/ 89			.2	.8	7.6	11.2	6.0	1.0										134	134															
88/ 87			.8	3.6	9.6	5.4	1.8											106	106	1														
86/ 85		.2	2.4	4.8	4.4		.2											60	60		1													
84/ 83			2.0	1.6	1.6													26	26	4														
82/ 81		1.4	2.0	1.0														22	22	40	1													
80/ 79	.4	.4	.8	.8	.2													13	13	181	14													
78/ 77	.4	.6	.2															6	6	164	73													
76/ 75	.2	.2																2	2	84	163													
74/ 73	.2	.6																4	4	24	118													
72/ 71	.2	.2																2	2	2	91													
70/ 69																				1	28													
68/ 67																					11													
66/ 65																					1													
TOTAL	1.4	2.0	2.6	8.4	12.0	25.7	27.9	15.4	3.6	1.0								501	501	501	501													

Element (X)	Zx'	Zx	X	%x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	2118930	22184	64,210.143		501							
Dry Bulb	2883121	44065	88,0	3.852	501			90.0	89.6	86.2	5.9	90
Wet Bulb	3052509	29093	78,0	2.042	501			90.0	89.5	21.9		90
Dew Point	2762723	37181	74.2	2.603	501			89.8	66.5	1.1		90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73-78
YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95								.3	.3										2	2															
94/ 93						.3	1.8	3.5	.6										21	21															
92/ 91						.6	4.1	4.4	.6	.3									34	34															
90/ 89					1.2	5.3	5.3	2.7	1.8	.3									56	56															
88/ 87				.6	3.8	10.6	2.7	1.5											65	65															
86/ 85				.9	7.4	4.7													44	44															
84/ 83			1.2	5.6	5.6	.6													44	44	2														
82/ 81		1.2	1.5	2.9	1.5	.3													25	25	20	1													
80/ 79	.3	.9	2.4	2.1	.9														22	22	85	11													
78/ 77		2.7	1.2																13	13	126	35													
76/ 75		2.7	.3																10	10	69	106													
74/ 73	.6																		2	2	31	108													
72/ 71	.2																		1	1	6	50													
70/ 69																						16													
68/ 67																						10													
66/ 65																						1													
64/ 63																						1													
TOTAL	1.2	7.4	6.5	12.1	20.4	22.4	13.9	12.4	3.2	.6									339	339		339													

Element (X)	Z _x ²	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum	1630006	23162	68.3	11.851	339	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	2514326	29152	86.0	4.687	339			90.0	89.7	79.9	6.1	90
Wet Bulb	2032825	26241	77.4	2.166	339			90.0	88.4	14.3		90
Dew Point	1861278	25104	74.1	2.580	339			89.5	69.3	1.0		90

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89					.4	.4												2	2			
88/ 87				.4	1.2	1.6	.8	.4										11	11			
86/ 85				.8	1.6	2.8	.4											14	14			
84/ 83			.4	7.5	4.7	1.2	.4											36	36			
82/ 81		.4	5.1	9.1	2.0	.4												43	43	2		
80/ 79		2.0	14.2	7.9	.4													62	62	12	3	
78/ 77		4.7	9.5	2.0	.4													42	42	55	16	
76/ 75	.8	6.7	1.6	.8	.4													26	26	104	63	
74/ 73	1.2	4.0		.4														14	14	60	102	
72/ 71	.4	.8																3	3	15	52	
70/ 69																				4	11	
68/ 67																				1	4	
66/ 65																					2	
TOTAL	2.4	18.6	30.8	28.9	11.1	6.3	1.6	.4										253	253		253	

PSYCHROMETRIC SUMMARY

69-70, 73-78

SEP
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
82/ 81			2.2	.7														4	4															
80/ 79		5.0	7.9	.7														19	19															
78/ 77		23.0	18.0	2.2														60	60	12	2													
76/ 75	3.6	18.0	6.5															39	39	55	39													
74/ 73		7.9	.7															12	12	54	52													
72/ 71	.7	2.2	.7															5	5	14	34													
70/ 69																				4	11													
68/ 67																					1													
TOTAL	4.3	56.1	36.0	3.6														139	139	139	139													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	11123.7	12415	89.3	5.002	139	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	8182.1	10661	76.7	1.970	139			90.0	86.8	5.2		90
Wet Bulb	7686.94	10334	74.3	1.722	139			90.0	78.3			90
Dew Point	7494.47	10203	73.4	1.936	139			90.0	60.2			90

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
96/ 95								.1	.1									4	4																		
94/ 93							.0	.6	1.1	.2	.1							52	52																		
92/ 91				.0			.7	2.6	1.4	.4	.1							131	131																		
90/ 89				.0	.5	3.3	3.4	1.6	.4	.0								233	233																		
88/ 87			.0	.4	2.5	4.9	2.1	.6										265	265	1																	
86/ 85			.0	1.7	4.5	3.4	.0	.0										245	245		1																
84/ 83		1.0	4.4	5.0		.6	.0											230	230	8	1																
82/ 81		.3	2.9	3.3	.9	.1												186	186	74	2																
80/ 79	.1	1.4	4.5	1.7	.3													201	201	429	41																
78/ 77	.1	5.1	3.4	.6	.0													232	232	607	271																
76/ 75	1.2	9.2	1.1	.2	.0													294	294	576	671																
74/ 73	2.5	7.9	.3	.0														272	272	502	810																
72/ 71	1.4	3.4	.2															124	124	226	503																
70/ 69	.5	1.2																42	42	78	160																
68/ 67	.1	.1																	5	15	51																
66/ 65																					4																
64/ 63																					1																
TOTAL	6.0	28.5	13.4	12.4	11.8	13.0	8.7	4.9	1.2	.3								2516	2516		2516																

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	16173528	198434	78.9	14.424	2516	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	16782677	204863	81.4	6.365	2516			720.0	671.1	414.4	16.0	720
Wet Bulb	14513774	190956	75.9	2.879	2516			720.0	628.7	71.8		720
Dew Point	13718190	185682	73.8	2.423	2516			718.6	514.2	5.2		720

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 1 0000-0200
HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74/ 73		15.8																3	3	2	1		
72/ 71		5.3	10.5															3	3	2	2		
70/ 69		26.3																5	5	3	2		
68/ 67		15.8	5.3															4	4	4	4		
66/ 65		21.1																4	4	5	4		
64/ 63																				3	6		
TOTAL		84.2	15.8															19	19	19	19		

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Ref. Hum.	158407	1733	91.2	4.341	19							
Dry Bulb	91574	1318	69.4	2.852	19			73.4	14.7			93
Wet Bulb	87337	1287	67.7	2.978	19			53.8	9.8			93
Dew Point	84933	1269	66.8	3.137	19			44.1	4.9			93

PSYCHROMETRIC SUMMARY

69-70, 73-78

OCT
MONTH

PAGE 1 0200-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point															
78/ 77			.6																1	1															
76/ 75	.6	1.9																	4	4															
74/ 73	1.9	1.2																	21	21	3	3													
72/ 71	5.0	10.6	1.9																28	28	13	11													
70/ 69	.6	8.7	.6																16	16	25	25													
68/ 67	3.1	13.7	1.2	.6															30	30	17	16													
66/ 65	2.5	7.5	3.1	.6															22	22	26	22													
64/ 63	4.3	2.5	2.5																15	15	21	23													
62/ 61		1.9																	3	3	20	19													
60/ 59	.6	2.0	.6	.6															11	11	12	5													
58/ 57		3.1																	5	5	8	13													
56/ 55		.6																	1	1	7	13													
54/ 53																					4	4													
52/ 51	.6		.6																1	1	1	2													
50/ 49																					1	1													
48/ 47																					1	1													
46/ 45	1.2																		2	2	2	2													
44/ 43																						1													
TOTAL	20.5	67.1	10.6	1.9															161	161	161	161													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1414235	15061	93.5	5.772	161	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	724227	10837	67.3	5.467	161			57.8	15.0			93
Wet Bulb	707064	10630	66.0	5.712	161			48.5	9.2			93
Dew Point	695752	10538	65.5	6.126	161			44.5	8.1			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AYON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
YEARS

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81				.2														1	1																
80/ 79		.8	.6	.4														9	9	2	2														
78/ 77		1.8	1.0		.2													15	15	2															
76/ 75		4.9	2.9	.8														42	42	19	18														
74/ 73	1.0	8.8	2.5	.6														63	63	53	37														
72/ 71	2.5	11.1	2.9	.8	.4													86	86	61	60														
70/ 69	1.6	8.6	2.1	.4														62	62	88	74														
68/ 67	2.3	7.4	2.3	.4														60	60	66	77														
66/ 65	1.6	7.0	2.3	.6														56	56	62	52														
64/ 63	1.0	3.5	1.0	.2	.2													29	29	36	45														
62/ 61	.8	2.5	.8	.2														21	21	33	36														
60/ 59	.6	2.1	.6															16	16	23	31														
58/ 57	.4	1.2		.2														9	9	15	19														
56/ 55	.2	1.2	.2	.4														10	10	12	10														
54/ 53																				4	11														
52/ 51	.2	.6	.2															5	5	3	5														
50/ 49			.2															1	1	4	2														
48/ 47		.2																1	1	1	3														
46/ 45	.2																	1	1	3	3														
44/ 43																					2														
TOTAL	12.56	1.81	9.51	5.3	.8													487	487	487	487														
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel Hum.	4033508	44188	90.7	7.043	487	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	2320692	33502	68.8	5.738	487			64.5	24.8	.8		93																							
Wet Bulb	2198046	32598	66.9	5.748	487			55.6	14.5			93																							
Dew Point	2139248	32140	66.0	6.109	487			51.2	10.9			93																							

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26.5 (OL A)

USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLOKIVA
STATION NAME

69-70, 73-78
YEARS

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89						.4	.2	.2										4	4																
88/ 87					.2	.8	.6											8	8																
86/ 85				1.0	1.0	2.9	.6	.2										32	32																
84/ 83			.6	3.1	4.7	2.5	1.6	.4										66	66																
82/ 81			1.8	5.3	3.3	3.1	1.2	.4										77	77																
80/ 79		.4	3.9	3.9	4.7	2.7	.6	.2										84	84	18															
78/ 77		1.2	3.5	2.5	4.9	2.9	1.2											83	83	50	14														
76/ 75		1.8	1.2	2.9	2.7	1.0	.2	.2										51	51	87	48														
74/ 73		.8	3.5	1.0	1.0	1.8												41	41	95	68														
72/ 71		1.0	1.0	1.6	.6	.2	.4	.2										25	25	70	75														
70/ 69			.6	1.4	.6		.4											15	15	71	74														
68/ 67			.2	.8	.4	.4												9	9	45	59														
66/ 65			.2	.2	.4	.2												5	5	26	43														
64/ 63			.4		.6	.2												6	6	16	42														
62/ 61				.2		.4												3	3	9	35														
60/ 59				.2														1	1	9	16														
58/ 57																				7	10														
56/ 55																				2	4														
54/ 53																				4	6														
52/ 51																				1	6														
50/ 49																					6														
46/ 45																					2														
44/ 43																					2														
TOTAL		5.116	9.24	12.4	7.20	4	7.1	1.8											510	510		510													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2643828	36242	71.310	3.13	510	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3139504	39928	78.3	5.136	510			90.3	81.3	43.4		93
Wet Bulb	2613606	36418	71.4	5.068	510			79.5	45.6	.4		93
Dew Point	2380830	34702	68.0	6.205	510			61.6	23.7			93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

NOV 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70-73-78
YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
92/ 91																																		6		6	
90/ 89																																		43		43	
88/ 87																																		60		60	
86/ 85																																		90		90	
84/ 83																																		83		83	
82/ 81																																		75		75	6
80/ 79																																		59		59	34
78/ 77																																		33		33	67
76/ 75																																		24		24	88
74/ 73																																		19		19	80
72/ 71																																		12		12	85
70/ 69																																		7		7	77
68/ 67																																		2		2	35
66/ 65																																					17
64/ 63																																					5
62/ 61																																					7
60/ 59																																					10
58/ 57																																					2
56/ 55																																					
54/ 53																																					
52/ 51																																					
50/ 49																																					
48/ 47																																					
46/ 45																																					
TOTAL	1.0	.8	4.1	8.2	14.2	26.5	25.3	16.4	3.3	.2																									513	513	513

REPLACE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2030641	31823	62.0	10.510	513	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Dry Bulb	3502219	52313	82.5	4.811	513			92.0	89.2	71.2	93
Wet Bulb	2716044	37256	72.6	4.501	513			85.6	49.9	2.9	93
Dew Point	2385603	34827	67.9	3.790	513			52.2	22.1		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

DCT

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91																													5	5						
90/ 89																													18	18						
88/ 87																													35	35						
86/ 85																													57	57						
84/ 83																													65	65						
82/ 81																													59	59						
80/ 79																													60	60	12					
78/ 77																													48	48	48	6				
76/ 75																													29	29	70	30				
74/ 73																													24	24	80	50				
72/ 71																													20	20	63	53				
70/ 69																													8	8	81	63				
68/ 67																													1	1	31	54				
66/ 65																																	17	59		
64/ 63																																	7	46		
62/ 61																																	4	26		
60/ 59																																	12	13		
58/ 57																																	3	6		
56/ 55																																	1	5		
54/ 53																																		7		
52/ 51																																		5		
50/ 49																																		3		
48/ 47																																		1		
46/ 45																																		1		
40/ 39																																		1		
TOTAL																																		429	429	429

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1841775	27587	64.312	585	429	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	2820378	34718	80.915	007	429			93.0	86.7	56.1		93
Wet Bulb	2220561	30808	71.844	72	429			83.5	45.5	.9		93
Dew Point	1761306	28892	67.360	19	429			55.5	18.6			93

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USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-78

OCT
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-5	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85								.4										1	1						
84/ 83					.7	.7												4	4						
82/ 81			.4	.7	.4	.4												5	5						
80/ 79			2.2	3.4	3.4	1.9												29	29						
78/ 77		2.2	3.0	4.5	1.9	.4												32	32	2					
76/ 75	.4	3.7	5.6	6.0	1.9	.4												40	40	20	10				
74/ 73		3.7	7.1	3.7	1.9													44	44	39	19				
72/ 71		5.6	4.1	3.7	.7													38	38	59	35				
70/ 69	.4	1.5	3.	4.1	.4													25	25	48	58				
68/ 67		.4	3.	1.1	.4													14	14	21	32				
66/ 65		1.1	1.5	1.5	.4	.4												13	13	29	32				
64/ 63		.4	2.2	.4	.4													9	9	24	18				
62/ 61				1.1														3	3	11	32				
60/ 59				.4														1	2	7	12				
58/ 57			.4															1	1		10				
56/ 55		.4																1	1	5	1				
54/ 53																				3	1				
52/ 51																					5				
50/ 49																					3				
TOTAL	.719	.032	.830	.614	.3	4.1		.4										268	269	268	268				

Element (X)	Σ x ¹	Σ x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	1132385	41402	72.9	9.334	268								
Dry Bulb	1431637	19715	73.3	5.009	269			83.0	56.4	9.7			53
Wet Bulb	1279049	18471	68.9	4.739	268			65.6	21.2				93
Dew Point	1198749	17865	66.7	5.426	268			53.4	10.1				93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9-26-5 (C-A)

USAFETAC

PSYCHROMETRIC SUMMARY

69, 74-78

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
78/ 77		1.3	2.6															3	3													
76/ 75	1.3	6.4	2.6															8	8	2	1											
74/ 73		7.7	6.4	2.6														13	13	7	8											
72/ 71		12.4	7.7															18	18	13	4											
70/ 69		9.0	1.3															8	8	18	19											
68/ 67		3.8	7.7															9	9	10	11											
66/ 65	1.3	3.8	2.6	1.3														7	7	8	11											
64/ 63		7.7	3.8															9	9	8	5											
62/ 61		1.3	1.3															2	2	6	9											
60/ 59				1.3														1	1	5	5											
58/ 57																					3											
56/ 55																					1											
54/ 53																				1												
50/ 49																					1											
TOTAL	2.0	56.4	35.9	5.1														78	78	78	78											

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	614.285	6905	88.5	6.258	73	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	382474	5452	69.9	4.254	73			70.3	28.6			93
Wet Bulb	358059	5273	67.6	4.545	78			59.6	10.7			93
Dew Point	345994	5180	66.4	5.082	78			51.3	10.7			93

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91							.2	.2										11	11					
90/ 89						.1	.6	1.1	.6	.2								65	65					
88/ 87					.3	1.3	1.3	.9	.4									103	103					
86/ 85				.6	1.2	2.3	1.4	1.4	.4		.0							180	180					
84/ 83			.2	1.1	2.5	1.9	1.8	1.2	.2	.1								218	218					
82/ 81			.7	1.2	1.6	2.1	1.6	.6	.2									217	217	6				
80/ 79		.3	1.5	1.9	1.5	3.6	.6	.4										241	241	66				
78/ 77		1.2	1.5	1.8	2.1	1.5	.5	.1	.0	.0								215	215	169				
76/ 75	.1	2.3	2.0	1.5	1.3	.8	.2	.0	.0									206	206	289				
74/ 73	.4	3.7	2.5	1.0	.9	.4	.3	.2		.0								228	228	369				
72/ 71	1.0	4.6	1.7	.9	.4	.1	.3	.3										230	230	378				
70/ 69	.5	3.0	.9	.8	.2	.0	.3	.1										146	146	403				
68/ 67	.6	2.6	1.2	.4	.2	.1												129	129	238				
66/ 65	.5	2.3	.9	.4	.1	.0	.0											107	107	185				
64/ 63	.5	1.1	.8	.1	.2	.0												68	68	119				
62/ 61	.2	.6	.2	.2		.1												32	32	82				
60/ 59	.2	.7	.2	.2														30	31	74				
58/ 57	.1	.4	.0	.0														15	15	34				
56/ 55	.0	.3	.0	.1														12	12	24				
54/ 53																				13				
52/ 51	.1	.1	.1															7	7	5				
50/ 49			.0															1	1	4				
48/ 47		.0																1	1	2				
46/ 45	.1																	3	3	5				
44/ 43																								
40/ 39																								
TOTAL	4.3	23.4	14.6	13.0	14.5	14.9	9.8	6.0	1.3	.2	.0							2465	2465	2465				
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum	14469065		185041		75.1		15.323		2465		≤ 0 F		≤ 32 F		< 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	14442703		187783		76.1		7.615		2466						660.4		508.1		278.2				744	
Wet Bulb	12179766		172738		70.1		5.515		2465						578.9		271.3		6.6				744	
Dew Point	11192415		165443		67.1		5.990		2465						442.5		135.2						744	

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLORIDA

69

YEARS

NOV
MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67		10.0																1	1																
66/ 65																				1															
64/ 63		40.0	10.0															5	5	1															
62/ 61		10.0																1	1	4	4														
60/ 59																				1	2														
56/ 55			10.0															1	1																
54/ 53																				1															
52/ 51		20.0																2	2	2	1														
50/ 49																					2														
TOTAL		80.0	20.0																10	10	10	10													

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

FORM 10-67

USAFETAC

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71		3.2																	2	2				
70/ 69	1.6	6.3																	5	5	6	4		
68/ 67	14.3	7.9																	14	14	13	15		
66/ 65	9.2	7.9																	11	11	8	8		
64/ 63	4.8	14.3																	12	12	15	11		
62/ 61		3.2																	2	2	4	8		
60/ 59	3.2	3.2	3.2																6	6	4	3		
58/ 57		1.6																	1	1	1	1		
56/ 55	1.6																		1	1	3	2		
54/ 53		3.2																	2	2		2		
52/ 51		4.8																	3	3	2	1		
50/ 49					1.6														1	1	3	3		
48/ 47																						1		
44/ 43																					1			
42/ 41	1.6																		1	1	1	1		
40/ 39		1.6																	1	1				
38/ 37	1.6																		1	1	2	1		
36/ 35																						1		
34/ 33																						1		
TOTAL	38.1	57.1	3.2		1.6														63	63	63	63		

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref Num.	572061	5987	95.0	7.078	63							
Dry Bulb	249985	3942	62.6	7.188	63			30.0				90
Wet Bulb	243498	3888	61.7	7.570	63			27.1				90
Dew Point	239865	3853	61.2	8.251	63			27.1				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

NDV

PAGE 1 0600-0800
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.2																								1	1		
76/ 75			.2																														1	1		
74/ 73			1.8																														8	8	1	
72/ 71		.5	4.3	1.1																													26	26	13	11
70/ 69	1.6	4.6	.5																														29	29	38	32
68/ 67	2.7	5.0																															34	34	35	39
66/ 65	4.3	7.1	.7	.2																													54	54	41	40
64/ 63	2.5	9.6	1.1																														58	58	51	44
62/ 61	2.5	4.6	.2																														32	32	46	48
60/ 59	3.2	4.6	1.1	.2																													40	40	35	35
58/ 57	1.6	5.3	.9	.5	.2																												37	37	38	35
56/ 55	.9	3.4	.2	.7																													23	23	23	31
54/ 53	.2	1.1	.9	.5																													12	12	17	15
52/ 51	.7	2.1	1.1	.9	.2																												22	22	19	12
50/ 49	.7	1.1	.5	.7	.5																												15	15	14	14
48/ 47	.2	.9	.5	.2	.2																												9	9	14	12
46/ 45		.9	.9	.2																													9	9	7	14
44/ 43	.7	1.6	.7																														13	13	17	12
42/ 41	.2	.7																															4	4	12	8
40/ 39		1.1	.5																														7	7	7	10
38/ 37	.2		.2																														2	2	5	12
36/ 35																																			2	5
34/ 33			.2																														1	1	1	2
32/ 31		.2																															1	1	1	2
30/ 29																																			1	3
26/ 25																																				2
TOTAL	22.8	60.3	11.4	4.1	1.4																												438	438	438	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3715364	40144	91.7	9.082	438	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	1618250	26372	60.2	8.339	438			.2	20.8	2.1		90
Wet Bulb	1547702	25748	58.8	8.833	438			.4	17.9	.2		90
Dew Point	1503373	25297	57.8	9.842	438			1.4	16.8			90

USAFETAC FORM 0 26 5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L - S - T -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point												
86/ 85						.4		.2										3	3													
84/ 83				.2	.0													4	4													
82/ 81				1.2	2.3	2.3												28	28													
80/ 79			1.0	4.1	2.7	1.0												43	43													
78/ 77		.2	2.3	4.7	4.9	1.6	1.0											62	62	1												
76/ 75		1.2	3.7	1.8	1.8	1.8	.2	.2										53	53	27	3											
74/ 73		1.8	2.5	2.5	1.6	.8	.4											47	47	57	19											
72/ 71		1.2	1.8	2.7	2.7	.2	.4											44	44	69	37											
70/ 69	.4	4.5	1.8	1.2	.4	.6	.2	.2										46	46	53	65											
68/ 67	.2	2.5	1.8	2.0	.6	.8												39	39	54	56											
66/ 65		2.3	1.2	.6	.2	.4	.2	.4										26	26	57	44											
64/ 63		.4	.8	.4	.2	.8	.2											14	14	40	45											
62/ 61		.2	.6	.4	.8	.4												12	12	18	36											
60/ 59			.6	1.0	1.0	.6	.4											18	18	16	30											
58/ 57			.2	.6	.2	.6												8	8	13	19											
56/ 55		.2	.2	.8	1.0	.2												12	12	9	13											
54/ 53			.6	.8		.4												9	9	14	11											
52/ 51				.2	1.0													6	6	15	10											
50/ 49	.2			.6														4	4	14	6											
48/ 47	.4	.2		.4														5	5	13	20											
46/ 45			.2															1	1	5	11											
44/ 43																				6	2											
42/ 41						.2												1	1	3	11											
40/ 39				.2	.2													2	2		12											
38/ 37			.2															1	1		5											
36/ 35																				1	5											
34/ 33																				3	3											
30/ 29																					2											
28/ 27																					1											
22/ 21																					1											
18/ 17																					1											
TOTAL	1.2	14.8	19.7	26.6	20.3	13.3	3.1	1.0										488	488		488											
Element (X):	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum	2723723	35903	73.6	12.998	488	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	2472548	34486	70.7	8.503	488			68.1	44.3	9.0		90																				
Wet Bulb	2099534	31734	65.0	8.587	488			48.1	15.7			90																				
Dew Point	1898108	30012	61.5	10.370	488			.9	36.9	4.1		90																				

PSYCHROMETRIC SUMMARY

69-70, 73-78

NOV

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91								.2										1	1																
90/ 89								.4										2	2																
88/ 87			.2				.2	.8										7	7																
86/ 85							1.8	1.0	.8	.6								21	21																
84/ 83				.2	2.3	5.3	2.9	1.0	.2									58	58	1															
82/ 81				1.4	4.1	4.1	5.3	2.9										87	87		1														
80/ 79		1.2	1.2	2.5	5.1	2.9	1.6											71	71																
78/ 77		1.4	1.4	1.6	1.8	3.1	1.6											54	54	4															
76/ 75		.2	2.5	1.0	2.3	.2	1.2	.2										37	37	48	1														
74/ 73	.8	1.4	1.2	1.4	1.2	1.2	.6											39	39	77	28														
72/ 71		.6	.6	.6	.4	.6	.2											15	15	69	42														
70/ 69	.8	.4		.2	.8	.6	.2	.6										18	18	68	55														
68/ 67	.2	.6	.6	.2	.8	.4	.8											18	18	55	67														
66/ 65			.2	.2	1.0	.2	.4	.2										11	11	41	48														
64/ 63	.2				.4	.8	1.2											13	13	22	41														
62/ 61			.4			1.2	.4											10	10	19	40														
60/ 59		.2	.4	.6	.8	.4												12	12	10	27														
58/ 57				.4	.8													6	6	11	28														
56/ 55					.4													2	2	11	13														
54/ 53																				13	16														
52/ 51																				18	7														
50/ 49																				9	12														
48/ 47	.4																	2	2	6	13														
46/ 45	.2					.4												3	3	3	6														
44/ 43					.2													1	1		7														
42/ 41																					12														
40/ 39																					10														
38/ 37																					8														
36/ 35																				3	3														
22/ 21																					2														
20/ 19																					1														
TOTAL	.6	2.0	6.4	10.2	15.8	29.5	21.3	12.3	1.8									488	488		488														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																													
Ref. Hum.	1911162	29930	61.3	12.451	488	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					Total																			
Dry Bulb	2873207	37251	76.3	7.808	488					78.9	69.5	40.0					90																		
Wet Bulb	2224768	32734	67.1	7.722	488					59.4	24.0	.2					90																		
Dew Point	1902580	30088	61.7	9.874	488					.6	35.8	5.5	.2					90																	

PSYCHROMETRIC SUMMARY

69, 70, 73-78

YEARS

NOV
MONTH

PAGE 1 ~~1500-1700~~
HOURS (L E T I)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
1964

1500-1700
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
78/ 77			1.8	3.6	.5													13	13													
76/ 75		1.4	4.1	3.2	.9	.5												22	22													
74/ 73		2.3	2.7	3.6	.9	.9												23	23	10												
72/ 71		2.2	6.8	3.2	.9													31	31	28	20											
70/ 69		4.5	4.1	5.5	.5													32	32	22	24											
68/ 67	.5	.5	7.7	2.7	.5													26	26	30	17											
66/ 65		3.6	4.5	1.4		.5												22	22	28	25											
64/ 63	.5	2.7	1.4	.9	.9	.9												16	16	38	26											
62/ 61		.5		1.8														5	5	17	38											
60/ 59		1.4	1.4		.9													8	8	8	18											
58/ 57			.5		.5													2	2	5	13											
56/ 55		.5		.5	1.4													5	5	8	3											
54/ 53			.5	.5														2	2	4	2											
52/ 51			1.4	.5														4	4	2	7											
50/ 49			.9	.5	.5													4	4	7	2											
48/ 47				.5														1	1	4	2											
46/ 45				.5														1	1	2	7											
44/ 43																				1	3											
42/ 41																				3	6											
40/ 39				.5														1	1													
38/ 37																					1											
36/ 35				.9														2	2		2											
34/ 33																					1											
32/ 31																				1	1											
30/ 29																				1												
24/ 23																					2											
22/ 21																					1											
TOTAL	.9	20.5	37.7	30.0	8.2	2.3	.5												220	220		220										

Element (X)	Σ X ²	Σ X	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1408800	17462	79.4	10.202	220	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1021076	14896	67.7	7.549	220			60.1	23.7			90
Wet Bulb	904004	13996	63.6	7.882	220			.8	36.8	4.1		90
Dew Point	837277	13417	61.0	9.320	220			1.6	25.0			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804
STATION

AVON PARK RANGE FLOKIVA
STATION NAME

69-70,75-78

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75								1.5																									1	1				
74/ 73		4.5	1.5																														4	4	1			
72/ 71		3.0	1.5																														3	3	3	2		
70/ 69		10.6	3.0																														9	9	4	5		
68/ 67		3.0	3.0																														4	4	7	4		
66/ 65		6.1	12.1																														12	12	5	3		
64/ 63		9.1	1.5																														7	7	10	8		
62/ 61		6.1	1.5																														5	5	12	14		
60/ 59		3.0	3.0																														4	4	4	9		
58/ 57		4.5	3.0																														5	5	2	2		
56/ 55			1.5																														1	1	5	2		
54/ 53		1.5	3.0	1.5																													4	4	1	3		
52/ 51			1.5																														1	1	2	2		
50/ 49		1.5	1.5																														2	2	2	1		
48/ 47				1.5																													1	1	4	2		
46/ 45		1.5		1.5																													2	2		3		
44/ 43																																				1	2	
42/ 41																																				1	1	
40/ 39																																				1		
34/ 33			1.5																														1	1		2		
30/ 29																																				1		
24/ 23																																					1	
TOTAL		54.5	39.4	4.5	1.5																													66	66	66	66	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	492279		5669		85.9		9.069		66		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total															
Dry Bulb	262983		4133		62.6		8.009		66						28.6		6.8																				90	
Wet Bulb	243369		3969		60.1		8.492		66				1.4		20.5		1.4																				90	
Dew Point	230607		3849		58.3		9.719		66				1.4		15.0																						90	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA

69-70-73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91																																1	1		
90/ 89																																3	2		
88/ 87																																9	9		
86/ 85				.0					.0	.8	.5	.3	.2	.1																	41	41			
84/ 83					.1	.7	1.6	1.3	.7	.2																					102	102	1		
82/ 81					.7	2.0	2.0	1.9	1.0	.0																					170	170		1	
80/ 79				.8	1.4	1.8	2.5	.8	.7																						177	177			
78/ 77		.1	1.2	2.2	2.2	2.1	1.0	1.3	.5	.0																					190	190	7		
76/ 75		.6	1.4	1.8	1.0	1.6	.3	.4	.0																						157	157	99	6	
74/ 73		1.5	1.2	1.4	1.0	.9	.7	.2	.1																						155	155	204	64	
72/ 71	.1	1.8	1.6	1.3	1.1	.4	.3	.2																							153	153	251	162	
70/ 69	.5	3.2	1.2	1.0	.3	.4	.3	.2	.2	.1	.1																				165	165	267	224	
68/ 67	1.1	2.2	1.5	1.1	.2	.4	.2	.2																							152	152	236	263	
66/ 65	1.1	2.7	1.2	.5	.2	.5	.2	.4	.0																						149	149	229	232	
64/ 63	.7	3.2	.7	.2	.4	.6	.5	.0																							140	140	204	207	
62/ 61	.5	1.3	.2	.4	.2	.4	.4	.0																							77	77	150	220	
60/ 59	.7	1.2	.7	.4	.5	.5	.2																								93	93	85	165	
58/ 57	.2	1.2	.4	.2	.3	.3	.1																								64	64	81	120	
56/ 55	.2	.8	.2	.4	.4	.2	.0																								48	48	71	79	
54/ 53	.0	.4	.5	.4		.1																									29	29	66	60	
52/ 51	.1	.6	.4	.3	.3																										38	38	72	44	
50/ 49	.2	.3	.2	.3	.2																										26	26	60	48	
48/ 47	.2	.2	.1	.2	.0																										18	18	43	67	
46/ 45	.1	.2	.2	.1	.2																										19	19	20	45	
44/ 43	.1	.3	.1	.0	.0																										15	15	27	35	
42/ 41	.1	.1		.0																											6	6	20	46	
40/ 39		.3	.1	.1	.0																										11	11	8	41	
38/ 37	.1		.1																												4	4	8	33	
36/ 35				.1																											2	2	7	18	
34/ 33			.1																												2	2	6	13	
32/ 31	.0																														1	1	2	3	
30/ 29																																			6
28/ 27																																			1
26/ 25																																			2
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

69-70, 73-78

NÜV

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 0300-0500.
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70, 73-77
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73		.2																1	1						
72/ 71		1.1																5	5	1	1				
70/ 69	.7	2.7																15	15	11	9				
68/ 67	2.9	2.2																23	23	26	25				
66/ 65	2.9	2.2																23	23	23	22				
64/ 63	2.2	3.1																24	24	20	19				
62/ 61	.9	4.2	.2															24	24	21	18				
60/ 59	1.1	3.3	.2															21	21	22	26				
58/ 57	2.7	3.6	.4	.4														32	32	28	25				
56/ 55	2.2	4.7	.2															32	32	26	23				
54/ 53	2.9	3.8	.7	.2														34	34	37	35				
52/ 51	1.1	5.1	.2															29	29	33	32				
50/ 49	.7	4.9	.2	.2														27	27	25	24				
48/ 47	1.1	4.2	1.1	.7														32	32	27	30				
46/ 45	.4	3.3																17	17	20	19				
44/ 43	.7	3.6	.7															22	22	23	18				
42/ 41		2.7	1.6															19	19	15	13				
40/ 39	1.1	3.6	.7	.9														28	28	28	23				
38/ 37	.9	1.3		.4														12	12	20	24				
36/ 35	1.1	1.6	.4															14	14	17	14				
34/ 33	.2	1.1	.4															8	8	11	19				
32/ 31	.2	.4	.4															5	5	7	8				
30/ 29																				4	4				
28/ 27		.2																1	1	3	7				
26/ 25																					4				
24/ 23																					1				
22/ 21																					2				
20/ 19																					1				
TOTAL	26.163.4	7.4	3.1															448	448	448	448				
																						448		448	
</																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70-73-77
YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.6	.6													6	6		
78/ 77		.2	.6	.4	1.0	.4												13	13		
76/ 75		.4	1.4	1.4	1.8	1.4	.2											33	33	2	1
74/ 73		1.2	1.2	1.0	.8	1.2												27	27	12	3
72/ 71		2.0	1.4	2.4	1.2	.4	.2											38	38	19	19
70/ 69	.6	2.8	2.0	1.4	.6	.4												39	39	36	22
68/ 67	.4	2.2	1.8	1.6	1.6	.8												42	42	41	28
66/ 65	.4	3.4	2.4	1.4	.8	.6	.2	.2										47	47	47	30
64/ 63	.2	.6	.8	1.4	1.2	.6	.4											26	26	41	45
62/ 61		1.4	2.0	2.0	.6	1.0												35	35	28	32
60/ 59		1.0	2.2	.6	1.6													27	27	25	26
58/ 57		.4	1.6	2.8	1.4	.4												33	33	28	29
56/ 55	.2	1.2	1.4	.8	1.0	.6	.2											27	27	36	28
54/ 53	.4	1.6	1.4	1.2	.4	.2												26	26	31	26
52/ 51	.4	.8	1.0	.4	.4													16	16	43	32
50/ 49		1.2	1.6	1.2														23	23	26	29
48/ 47		.2	.2	1.0	.4	.2												10	10	16	26
46/ 45		.4	.6	1.4	.2													13	13	18	22
44/ 43		.4	1.2	.6														11	11	14	17
42/ 41			.2															1	1	14	19
40/ 39			.4	.4														4	4	12	16
38/ 37			.2															1	1	5	8
36/ 35			.4															2	2	3	12
34/ 33																				1	7
32/ 31																				2	15
30/ 29																					3
28/ 27																					2
26/ 25																					3
TOTAL	2.6	21.4	26.0	24.0	19.4	8.2	1.2	.2										500	500	500	500

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2920190	37606	75.2	13.561	500	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2005983	31313	62.6	9.494	500			36.8	14.7			93
Wet Bulb	1724163	28973	57.9	9.527	500		.4	20.5	2.6			93
Dew Point	1538882	27168	54.3	11.208	500	4.3	12.6	.7				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 ~~1200-1400~~
HOURS (1 5 7)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
84/ 83					.4		.6											5	5												
82/ 81				.4	1.0	1.4	.4	.8										27	22												
80/ 79			.4	.2	2.3	4.3	1.6	2.3	.8	.2								59	59												
78/ 77			.8	1.8	2.7	1.2	3.1	2.5										59	59	1											
76/ 75		.6	1.0	.8	.4	2.9	1.6											36	36	7											
74/ 73	.2	.2	.4	.6		2.3	2.0	1.0	.2									34	34	22	10										
72/ 71		.6	.6	.6	.8	1.8	2.0	.4	.2	.2								36	36	32	11										
70/ 69		.8	.8	.8	.8	2.3	1.2	.6	.2									33	33	41	25										
68/ 67	.6	1.0	.3	1.0	1.8	2.0	1.0	1.0	.2									44	44	41	30										
66/ 65		1.2		.4	1.0	2.0	1.0	1.0										33	33	48	34										
64/ 63		.4		.2	1.4	1.6	.8	.4		.2								25	25	49	19										
62/ 61		.4		.2	2.3	.6	.6											20	20	38	28										
60/ 59		.2	.2	.6	1.4	1.2	.4											20	20	30	34										
58/ 57		.2		.6	.6	1.2	.2	.4										16	16	28	42										
56/ 55		.2		.2	1.0	.2	.6	.2										12	12	29	36										
54/ 53	.6	.4		.4	.4	1.0	.8											18	18	37	31										
52/ 51	.2	.2		.2	.6	.6	.2											10	10	26	28										
50/ 49	.2			.4	.4	.4												5	5	15	23										
48/ 47					.2													1	1	13	24										
46/ 45																				8	23										
44/ 43																				11	15										
42/ 41																				10	13										
40/ 39																				2	22										
38/ 37																					7										
36/ 35																					8										
34/ 33																					4										
32/ 31																					5										
30/ 29																					7										
28/ 27																					5										
26/ 25																					3										
24/ 23																					1										
TOTAL	1.8	6.6	3.7	9.2	19.5	27.2	18.4	10.2	2.5	.6								488	488		488										

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.	1867454	29272	60.0	15.139	488	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2410605	34047	69.8	8.502	488			62.5	41.0	10.1		93
Wet Bulb	1849029	29755	61.0	8.449	488			27.4	5.7			93
Dew Point	1513671	26641	54.6	11.033	488		4.0	14.5	1.9			93

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
86/ 85						.2													1	1																
84/ 83						.7	.5												5	5																
82/ 81				.2	.2	.7	1.2	.5	.5										14	14																
80/ 79			.7	1.6	3.0	1.6	2.8	.5											44	44																
78/ 77			.2	.7	2.6	.7	2.3	2.1											37	37																
76/ 75		.7	1.9	2.1	.9	2.1	1.4	2.6											50	50	5															
74/ 73		.2	.7	.7	1.2	.9	1.6	.5	.2	.2									24	24	10	7														
72/ 71		.2	.7	.7	2.6	1.2	2.3	.5											36	36	31	9														
70/ 69		.2	.7	.7	1.9	3.7	1.4	1.2	.7										45	45	37	14														
68/ 67	.7	.2	.5	.2	1.4	2.8	.5	1.6	.5	.2									37	37	29	27														
66/ 65		.2	.2	.7	1.2	1.2	1.2	.2	.5										23	23	43	22														
64/ 63		.7		.5	1.6	1.6	1.4	.5	.5										29	29	37	20														
62/ 61				.5	1.2	.9	.9	.5											17	17	44	27														
60/ 59		.7		1.2	.7	1.4	.9												21	21	32	22														
58/ 57		.2		.2	1.4	.7	.7		.5										16	16	27	39														
56/ 55				.2	.2	.5	.9												8	8	23	35														
54/ 53				.2		1.9	.2												10	10	30	34														
52/ 51				.7	.5	.7													8	8	22	26														
50/ 49					.7														3	3	18	14														
48/ 47		.2																	1	1	11	20														
46/ 45	.2	.2																	2	2	11	17														
44/ 43																					17	20														
42/ 41																					4	18														
40/ 39																						15														
38/ 37																						6														
36/ 35																						12														
34/ 33																						10														
32/ 31																						7														
30/ 29																						7														
28/ 27																						1														
24/ 23																						2														
TOTAL	.9	3.9	5.6	8.8	19.7	24.8	19.0	12.8	3.7	.7									431	431		431														
																			431		431															
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	1548901			25057			58.1			14.640			431			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	2116090			29994			69.6			8.178			431									63.2			37.8			7.8						93		
Wet Bulb	1600723			26023			60.4			8.249			431									24.2			3.2									93		
Dew Point	1288501			23085			53.6			11.000			431									3.7			12.3			1.5						93		

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 -1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/ 77			.4															1	1																
76/ 75				.8	.4													3	3																
74/ 73			1.2	3.7														12	12	1															
72/ 71		.4	2.4	2.4	1.2	.8												18	18		1														
70/ 69		.8	1.2	.4	.8			.4										9	9	8															
68/ 67		.8	.4	1.6	.8		.4											10	10	17	9														
66/ 65	.4	.4	3.3	3.3	1.0													22	22	12	16														
64/ 63		.8	2.9	3.7	.4		.4											20	20	6	12														
62/ 61		.8	5.7	1.2														19	19	26	2														
60/ 59		.4	2.4	2.4		.8												15	15	17	16														
58/ 57		.8	4.5	2.0		.8												20	20	22	21														
56/ 55		1.6	2.9	.8	.4													14	14	22	16														
54/ 53		.8	4.5	1.6	1.6													21	21	16	25														
52/ 51		.4	2.0	3.3														14	14	14	21														
50/ 49		1.2	1.6	1.2	.4													11	11	17	10														
48/ 47		.4	.8	1.2														6	6	18	16														
46/ 45	1.2		.8	3.3	.4													14	14	16	16														
44/ 43		1.2	2.4															9	9	3	7														
42/ 41		1.2	.4	.4														5	5	16	12														
40/ 39			.4	.4														2	2	10	16														
38/ 37																				2	6														
36/ 35																				2	11														
34/ 33																					6														
32/ 31																					3														
30/ 29																					1														
28/ 27																					2														
TOTAL	1.6	12.2	40.4	33.9	4.2	2.4	.8	.4										245	245	245	245														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1410287	18413	75.2	10.413	245							
Dry Bulb	873384	14460	59.0	9.042	245			20.1	6.1			93
Wet Bulb	748633	13375	54.6	8.700	245			9.9	.4			93
Dew Point	659911	12487	51.0	9.810	245		2.3	3.8				93

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL												
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																					
72/ 71			1.0															1	1																							
70/ 69		3.9	3.9															8	8	1																						
68/ 67		1.0	1.9															3	3	5	3																					
66/ 65	1.0		1.0															2	2	6	5																					
64/ 63		0.8	2.9															10	10	6	7																					
62/ 61		3.9	1.0		1.9													7	7	5	4																					
60/ 59		1.9	3.9															6	6	6	6																					
58/ 57		2.9	3.9															7	7	4	5																					
56/ 55		6.8																7	7	9	3																					
54/ 53		5.8																6	6	12	11																					
52/ 51		5.8	1.9															8	8	6	9																					
50/ 49		4.9	3.9	1.0														10	10	3	9																					
48/ 47		8.7	1.0															10	10	9	3																					
46/ 45		1.9																2	2	12	7																					
44/ 43		1.9	2.9															5	5	4	12																					
42/ 41		3.9	1.9	1.0														7	7	3	3																					
40/ 39		1.9		1.9														4	4	5	2																					
38/ 37																				4	3																					
36/ 35																				2	5																					
34/ 33																				1	3																					
28/ 27																					3																					
TOTAL	1.062	131.1	3.9	1.9														103	103	103	103																					
																					103		103		103		103		103		103		103		103		103		103			
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
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																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
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																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
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																							103		103		103		103		103		103		103		103		103		103	
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																							103		103		103		103		103		103		103		103		103		103	
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																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103		103		103		103	
																							103		103		103		103		103		103		103							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70-73-77
YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
86/ 85							.0																									1		1		
84/ 83							.1				.3	.4	.3																			10		10		
82/ 81					.1		.3				.4	.3	.2	.3																		36		36		
80/ 79			.2		.2		.9	1.5		.7	1.0	.3	.0																			109		109		
78/ 77		.0	.4		.6	1.3	.5	1.1	.9																							110		110	1	
76/ 75		.3	.9	1.0	.7	1.3	.7	.5																								122		122	14	
74/ 73	.0	.4	.6	.7	.4	.9	.7	.3	.1	.0																						98		98	45	
72/ 71		.9	.9	1.0	1.0	.8	.9	.2	.0	.1																						134		134	83	
70/ 69	.4	1.7	.9	.7	.7	1.3	.5	.4	.2																							154		154	137	
68/ 67	1.0	1.5	.7	.8	1.1	1.1	.3	.5	.1	.0																						165		165	163	
66/ 65	.7	1.7	1.0	.9	.8	.8	.5	.3	.1																							153		153	183	
64/ 63	.6	1.6	.6	.8	.9	.8	.6	.2	.1	.0																						141		141	165	
62/ 61	.2	1.6	1.1	.7	.9	.5	.3	.1																								124		124	166	
60/ 59	.2	1.5	1.0	.7	.8	.6	.3																									117		117	135	
58/ 57	.6	1.2	1.1	1.1	.7	.6	.2	.1	.1																							128		128	147	
56/ 55	.5	1.7	.7	.3	.5	.3	.3	.0																								101		101	145	
54/ 53	.8	1.6	.9	.6	.3	.6	.2																									117		117	165	
52/ 51	.4	1.7	.6	.7	.3	.3	.0																									92		92	146	
50/ 49	.2	1.7	.8	.5	.4	.1																										82		82	110	
48/ 47	.2	1.6	.4	.5	.1	.1																										66		66	98	
46/ 45	.3	1.4	.2	.7	.1																											60		60	95	
44/ 43	.3	1.2	.8	.2																												56		56	84	
42/ 41		.8	.5	.1																												33		33	64	
40/ 39	.3	.8	.4	.4																												44		44	60	
38/ 37	.2	.3	.0	.1																												14		14	32	
36/ 35	.2	.3	.2																													16		16	30	
34/ 33	.1	.3	.1																													10		10	15	
32/ 31	.1	.1	.1																													6		6	10	
30/ 29																																			4	
28/ 27	.0																															1		1	3	
26/ 25																																				
24/ 23																																				
22/ 21																																				
20/ 19																																				
Element (X)	$\Sigma X'$			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature							Total													
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$															
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70,73-78

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																		
98/ 97									.0	.0	.0	.0	.0	.0	.0			30	30																
96/ 95								.0	.0	.1	.1	.1	.1	.0	.0			115	115																
94/ 93								.1	.2	.4	.4	.1	.1	.0	.0			410	410																
92/ 91					.0	.0	.2	.9	.9	.4	.1	.1	.0					833	833																
90/ 89		.0	.0	.0	.2	1.2	1.5	.8	.4	.1	.1	.0		.0				1295	1295																
88/ 87			.0	.1	.8	1.8	1.0	.5	.3	.2	.1	.0						1461	1461																
86/ 85	.0	.0	.0	.7	1.5	1.4	.6	.6	.4	.2	.1	.0						1671	1672																
84/ 83			.3	1.3	1.3	.9	.8	.6	.4	.1	.0	.0	.0					1705	1705																
82/ 81		.1	1.0	1.3	.9	.9	.9	.3	.3	.1	.0	.0						1801	1802																
80/ 79	.0	.4	1.7	1.2	.9	1.3	.4	.6	.2	.1	.0	.0	.0					2006	2006																
78/ 77	.1	1.5	1.6	1.0	1.0	.6	.6	.4	.2	.1	.0	.0	.0					2091	2092																
76/ 75	.3	3.8	1.3	.9	.5	.8	.3	.3	.1	.0								2511	2515																
74/ 73	.8	3.7	1.1	.7	.5	.6	.4	.3	.1	.0	.0							2423	2424																
72/ 71	.6	2.7	.9	.6	.6	.4	.4	.1	.0	.0	.0							1890	1891																
70/ 69	.4	1.9	.8	.5	.4	.4	.2	.2	.1	.0	.0							1496	1496																
68/ 67	.5	1.4	.7	.5	.3	.4	.2	.1	.0	.0	.0							1225	1227																
66/ 65	.3	1.3	.6	.4	.3	.3	.2	.1	.1	.0	.0							1090	1090																
64/ 63	.3	1.2	.5	.2	.3	.3	.2	.1	.0	.0								920	920																
62/ 61	.2	.9	.4	.3	.2	.2	.1	.0	.0									753	753																
60/ 59	.3	.9	.4	.3	.2	.2	.1	.0	.0									726	728																
58/ 57	.2	.7	.4	.3	.2	.1	.1	.0	.0									599	599																
56/ 55	.1	.7	.3	.2	.2	.1	.1	.0	.0									540	540																
54/ 53	.1	.5	.3	.2	.1	.1	.0	.0										453	453																
52/ 51	.1	.5	.3	.2	.1	.1	.0	.0										372	373																
50/ 49	.1	.5	.3	.2	.1	.0	.0											353	353																
48/ 47	.1	.4	.2	.1	.0	.0												248	248																
46/ 45	.1	.3	.1	.1	.0	.0												210	210																
44/ 43	.0	.2	.1	.0	.0	.0												151	151																
42/ 41	.0	.2	.1	.0	.0	.0												122	122																
40/ 39	.1	.2	.1	.1	.0													128	128																
38/ 37	.0	.1	.1	.0	.0													64	64																
36/ 35	.0	.1	.0	.0														44	44																
34/ 33	.0	.1	.0	.0														41	41																
32/ 31	.0	.0	.0															30	30																
Element (X)	Z _X			Z _X			X			X			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70, 73-78
YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
30/ 29	.0	.0				.0																												5	5	20	107
28/ 27			.0																															2	2	11	73
26/ 25	.0																																	2	2	4	50
24/ 23	.0																																	1	1	2	24
22/ 21																																					18
20/ 19																																					12
18/ 17																																					10
12/ 11																																					2
10/ 9																																					1
TOTAL	4.0	24.4	13.7	11.7	11.1	12.5	9.5	6.6	3.4	1.4	.7	.1	.0	.0	.0																			29832	29817		
																																			29817	29817	

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	169488495	2186753	73.317	.483	29817	$\leq 0 F$	$\leq 32 F$	$\leq 57 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	167215820	2205498	73.911	.812	29832		12.4	6674.7	5306.9	2973.5	156.2	8760
Wet Bulb	139034114	2013792	67.510	.074	29817		29.2	5525.6	3313.4	338.2		8760
Dew Point	126149215	1910121	64.111	.266	29817		140.3	4518.4	2217.6	36.0		8760

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 AVON PARK RANGE FLORIDA

68-70,73-78

STATION	STATION NAME												YEARS	
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	52.4	51.3	60.0	64.6	69.2	72.7	74.7	74.8	75.3	69.4	60.8	51.4	66.8
	S D	9.054	7.649	9.124	5.523	4.417	2.854	1.866	1.737	1.637	2.852	5.412	8.975	10.655
	TOTAL OBS	38	81	90	49	55	117	77	118	89	19	10	41	774
03-05	MEAN	49.7	50.7	58.9	61.2	66.8	71.8	73.5	73.8	73.2	67.3	62.6	53.6	68.7
	S D	8.639	8.136	7.751	5.185	3.866	2.528	1.913	1.597	1.927	5.467	7.188	11.040	7.804
	TOTAL OBS	34	55	66	109	219	274	255	350	212	161	63	44	1842
06-08	MEAN	52.1	52.1	59.7	65.3	70.9	75.5	77.0	76.6	75.4	68.8	60.2	52.6	66.1
	S D	10.029	9.296	7.808	6.067	5.245	4.066	3.713	3.287	3.217	5.738	8.329	10.136	11.597
	TOTAL OBS	463	425	472	460	507	507	498	551	495	487	428	448	5751
09-11	MEAN	61.6	62.0	70.7	76.6	81.8	84.9	86.0	85.9	84.4	78.3	70.7	62.6	75.5
	S D	10.559	8.774	8.101	5.076	4.322	3.920	3.235	2.877	3.216	5.156	8.503	9.494	11.384
	TOTAL OBS	530	473	512	492	506	510	491	549	488	510	488	500	6049
12-14	MEAN	69.4	69.3	76.9	82.0	86.1	88.2	88.8	88.3	88.0	82.5	76.3	69.8	80.6
	S D	10.058	8.540	7.898	5.150	5.331	5.040	4.692	4.836	3.853	4.811	7.808	8.502	10.009
	TOTAL OBS	514	469	509	487	512	514	501	528	501	513	488	488	6024
15-17	MEAN	70.3	70.2	77.4	81.9	85.0	85.2	86.5	86.1	86.0	80.9	75.4	69.6	78.9
	S D	9.784	7.840	7.944	5.532	6.267	6.641	6.571	5.982	4.687	5.007	7.309	8.175	9.534
	TOTAL OBS	478	448	485	446	394	370	317	327	339	429	444	431	4908
18-20	MEAN	62.4	62.3	70.1	75.3	77.6	79.9	79.7	80.0	80.0	73.3	67.7	59.0	72.2
	S D	10.292	7.962	8.092	5.978	4.983	4.953	5.288	4.363	3.627	5.009	7.549	9.042	9.969
	TOTAL OBS	222	251	354	224	253	283	223	183	253	269	220	245	2980
21-23	MEAN	55.8	55.8	64.3	68.2	71.7	73.4	76.5	76.9	76.7	69.9	62.6	54.7	68.1
	S D	9.904	7.097	8.123	4.847	3.470	3.032	2.799	2.332	1.970	4.254	8.009	8.882	10.081
	TOTAL OBS	110	126	198	102	138	159	122	153	129	78	66	103	1494
ALL HOURS	MEAN	62.7	62.3	70.0	75.1	78.5	80.9	82.2	81.7	81.4	76.1	70.0	62.4	73.9
	S D	12.303	11.012	10.492	8.979	8.535	7.386	7.013	6.743	6.365	7.615	10.024	11.429	11.812
	TOTAL OBS	2389	2328	2686	2359	2584	2734	2484	2769	2516	2466	2217	2300	29832

USAFETAC FORM 0.89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 AVON PARK RANGE FLORIDA

68-70, 73-78

HRS LST	STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN S D TOTAL OBS	50.4 9.689 38	49.3 7.833 81	58.1 9.436 89	62.5 5.139 39	67.4 4.752 55	70.9 3.043 117	73.4 1.720 77	73.5 1.388 118	73.9 1.363 89	67.7 2.978 19	59.0 5.249 10	50.0 9.454 41	65.2 10.896 773
03-05	MEAN S D TOTAL OBS	48.3 8.997 34	49.3 8.595 55	57.5 8.079 66	59.4 5.849 109	65.3 4.155 219	70.5 2.564 274	72.4 1.805 252	72.9 1.466 280	72.3 1.793 212	66.0 5.712 161	61.7 7.570 63	52.4 11.494 44	67.5 8.019 1839
06-08	MEAN S D TOTAL OBS	50.7 10.379 463	50.6 9.482 422	57.9 8.195 472	62.5 6.121 460	67.9 4.487 507	72.8 2.864 507	74.4 2.464 495	74.5 2.228 551	73.7 2.374 495	66.9 5.748 487	58.8 8.833 438	51.4 10.507 448	64.0 11.274 5748
09-11	MEAN S D TOTAL OBS	57.4 10.408 530	56.6 8.768 473	63.9 8.105 512	67.5 5.130 492	72.6 3.541 506	76.7 2.404 510	78.3 1.839 490	78.3 1.696 549	77.5 1.898 488	71.4 5.068 510	65.0 8.587 488	57.9 9.527 500	68.7 10.298 6048
12-14	MEAN S D TOTAL OBS	61.0 9.419 514	59.5 8.152 469	65.9 7.446 509	68.7 4.771 487	73.2 3.986 512	77.2 2.685 513	78.6 2.370 501	78.3 2.429 538	78.0 2.042 501	72.6 4.501 513	67.1 7.722 488	61.0 8.449 488	70.2 9.088 6033
15-17	MEAN S D TOTAL OBS	61.2 9.150 478	59.4 7.740 448	65.7 6.928 485	68.1 4.512 446	72.5 3.614 394	75.7 2.849 370	77.5 2.818 317	77.4 2.520 327	77.4 2.166 339	71.8 4.472 429	66.4 7.475 444	60.4 8.249 431	68.7 8.820 4908
18-20	MEAN S D TOTAL OBS	57.6 9.925 219	55.8 7.698 251	62.8 7.320 354	66.2 4.353 224	70.2 3.635 253	73.8 2.505 283	75.1 2.712 223	75.5 2.137 183	75.4 2.073 253	68.9 4.739 268	63.6 7.582 220	54.6 8.700 245	66.5 9.443 2976
21-23	MEAN S D TOTAL OBS	53.3 9.936 110	52.6 7.207 126	60.6 8.320 198	64.2 4.648 101	68.2 3.846 138	72.3 2.791 158	74.2 2.012 122	74.5 1.671 153	74.3 1.722 129	67.6 4.545 78	60.1 8.492 66	52.4 8.939 103	65.2 10.195 1492
ALL HOURS	MEAN S D TOTAL OBS	57.2 10.666 2386	55.9 9.118 228	62.8 8.345 2685	66.2 5.787 2358	70.6 4.750 2584	74.5 3.573 2732	76.2 3.203 2477	76.1 2.932 2769	75.9 2.879 2516	70.1 5.515 2465	64.1 8.685 2217	56.9 9.962 2300	67.5 10.074 29817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 AVON PARK RANGE FLORIDA

68-70, 73-78

STATION

STATION NAME

YEARS

HRS. I.S.T.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 48.5 S D 11.589 TOTAL OBS 38	MEAN 47.5 S D 8.734 TOTAL OBS 81	MEAN 56.8 S D 10.133 TOTAL OBS 89	MEAN 61.3 S D 5.126 TOTAL OBS 39	MEAN 66.6 S D 5.412 TOTAL OBS 55	MEAN 70.2 S D 3.424 TOTAL OBS 117	MEAN 73.1 S D 1.754 TOTAL OBS 77	MEAN 73.1 S D 1.503 TOTAL OBS 118	MEAN 73.5 S D 1.478 TOTAL OBS 89	MEAN 66.8 S D 3.137 TOTAL OBS 19	MEAN 57.8 S D 5.350 TOTAL OBS 10	MEAN 48.7 S D 10.520 TOTAL OBS 41	MEAN 64.2 S D 11.647 TOTAL OBS 773
03-05	MEAN 47.1 S D 9.820 TOTAL OBS 34	MEAN 47.9 S D 9.552 TOTAL OBS 55	MEAN 56.4 S D 8.773 TOTAL OBS 66	MEAN 58.2 S D 7.081 TOTAL OBS 109	MEAN 64.6 S D 4.622 TOTAL OBS 219	MEAN 70.0 S D 2.793 TOTAL OBS 274	MEAN 72.1 S D 1.867 TOTAL OBS 252	MEAN 72.7 S D 1.556 TOTAL OBS 350	MEAN 72.1 S D 1.828 TOTAL OBS 212	MEAN 65.5 S D 6.126 TOTAL OBS 161	MEAN 61.2 S D 8.251 TOTAL OBS 63	MEAN 51.2 S D 12.406 TOTAL OBS 44	MEAN 67.0 S D 8.551 TOTAL OBS 1829
06-08	MEAN 49.4 S D 11.434 TOTAL OBS 463	MEAN 49.1 S D 10.228 TOTAL OBS 425	MEAN 56.4 S D 9.113 TOTAL OBS 472	MEAN 60.8 S D 7.027 TOTAL OBS 460	MEAN 66.4 S D 4.756 TOTAL OBS 507	MEAN 71.7 S D 2.704 TOTAL OBS 507	MEAN 73.4 S D 2.299 TOTAL OBS 495	MEAN 73.8 S D 2.027 TOTAL OBS 551	MEAN 73.1 S D 2.249 TOTAL OBS 495	MEAN 66.0 S D 6.109 TOTAL OBS 487	MEAN 57.8 S D 9.842 TOTAL OBS 428	MEAN 50.3 S D 11.394 TOTAL OBS 448	MEAN 62.9 S D 11.791 TOTAL OBS 5748
09-11	MEAN 54.1 S D 12.088 TOTAL OBS 530	MEAN 52.2 S D 10.806 TOTAL OBS 473	MEAN 59.5 S D 10.116 TOTAL OBS 512	MEAN 62.4 S D 7.050 TOTAL OBS 492	MEAN 68.4 S D 4.757 TOTAL OBS 506	MEAN 73.5 S D 2.935 TOTAL OBS 510	MEAN 75.5 S D 2.180 TOTAL OBS 490	MEAN 75.4 S D 2.159 TOTAL OBS 549	MEAN 74.9 S D 2.189 TOTAL OBS 488	MEAN 68.0 S D 6.205 TOTAL OBS 510	MEAN 61.5 S D 10.370 TOTAL OBS 488	MEAN 54.3 S D 11.208 TOTAL OBS 500	MEAN 65.0 S D 11.486 TOTAL OBS 6048
12-14	MEAN 55.0 S D 11.635 TOTAL OBS 514	MEAN 52.0 S D 10.853 TOTAL OBS 469	MEAN 59.3 S D 10.000 TOTAL OBS 509	MEAN 61.5 S D 6.786 TOTAL OBS 487	MEAN 67.3 S D 5.681 TOTAL OBS 512	MEAN 72.9 S D 3.404 TOTAL OBS 513	MEAN 74.8 S D 2.587 TOTAL OBS 501	MEAN 74.4 S D 2.971 TOTAL OBS 538	MEAN 74.2 S D 2.603 TOTAL OBS 501	MEAN 67.9 S D 5.790 TOTAL OBS 513	MEAN 61.7 S D 9.874 TOTAL OBS 488	MEAN 54.6 S D 11.033 TOTAL OBS 488	MEAN 64.8 S D 11.106 TOTAL OBS 6033
15-17	MEAN 54.7 S D 11.495 TOTAL OBS 478	MEAN 51.0 S D 11.002 TOTAL OBS 448	MEAN 58.6 S D 9.232 TOTAL OBS 485	MEAN 60.4 S D 6.847 TOTAL OBS 446	MEAN 66.7 S D 5.354 TOTAL OBS 394	MEAN 71.8 S D 3.790 TOTAL OBS 370	MEAN 74.1 S D 2.511 TOTAL OBS 317	MEAN 74.0 S D 2.893 TOTAL OBS 327	MEAN 74.1 S D 2.580 TOTAL OBS 329	MEAN 67.3 S D 6.019 TOTAL OBS 429	MEAN 61.0 S D 9.979 TOTAL OBS 444	MEAN 53.6 S D 11.000 TOTAL OBS 431	MEAN 63.0 S D 11.304 TOTAL OBS 4908
18-20	MEAN 53.9 S D 11.367 TOTAL OBS 219	MEAN 50.3 S D 9.673 TOTAL OBS 251	MEAN 58.1 S D 8.884 TOTAL OBS 394	MEAN 60.9 S D 5.667 TOTAL OBS 224	MEAN 66.4 S D 4.798 TOTAL OBS 253	MEAN 71.1 S D 3.289 TOTAL OBS 283	MEAN 73.3 S D 2.322 TOTAL OBS 223	MEAN 73.8 S D 2.112 TOTAL OBS 183	MEAN 73.6 S D 2.209 TOTAL OBS 253	MEAN 66.7 S D 5.426 TOTAL OBS 268	MEAN 61.0 S D 9.320 TOTAL OBS 220	MEAN 51.0 S D 9.810 TOTAL OBS 245	MEAN 63.1 S D 10.874 TOTAL OBS 2976
21-23	MEAN 51.2 S D 10.824 TOTAL OBS 110	MEAN 49.7 S D 8.263 TOTAL OBS 126	MEAN 58.0 S D 9.430 TOTAL OBS 198	MEAN 61.9 S D 5.153 TOTAL OBS 101	MEAN 66.4 S D 4.766 TOTAL OBS 138	MEAN 70.8 S D 3.404 TOTAL OBS 158	MEAN 73.4 S D 2.012 TOTAL OBS 122	MEAN 73.6 S D 1.735 TOTAL OBS 153	MEAN 73.4 S D 1.936 TOTAL OBS 129	MEAN 66.4 S D 5.082 TOTAL OBS 78	MEAN 58.3 S D 9.719 TOTAL OBS 66	MEAN 50.4 S D 9.873 TOTAL OBS 103	MEAN 63.4 S D 11.102 TOTAL OBS 1492
ALL HOURS	MEAN 53.2 S D 11.789 TOTAL OBS 2386	MEAN 50.8 S D 10.491 TOTAL OBS 2328	MEAN 58.3 S D 9.578 TOTAL OBS 2685	MEAN 61.1 S D 6.792 TOTAL OBS 2358	MEAN 66.9 S D 5.143 TOTAL OBS 2584	MEAN 71.9 S D 3.382 TOTAL OBS 2732	MEAN 74.0 S D 2.520 TOTAL OBS 2477	MEAN 74.1 S D 2.452 TOTAL OBS 2769	MEAN 73.8 S D 2.423 TOTAL OBS 2516	MEAN 67.1 S D 5.990 TOTAL OBS 2465	MEAN 60.5 S D 9.986 TOTAL OBS 2217	MEAN 52.8 S D 11.126 TOTAL OBS 2300	MEAN 64.1 S D 11.266 TOTAL OBS 29817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	97.4	94.7	94.7	76.3	44.7	86.6	38
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.1	88.2	64.7	90.6	34
	06-08	100.0	100.0	100.0	100.0	99.8	98.3	96.3	87.5	67.0	90.9	463
	09-11	100.0	100.0	100.0	99.6	96.0	87.2	70.0	44.0	16.2	77.1	530
	12-14	100.0	100.0	100.0	95.1	79.8	46.9	20.6	10.3	4.1	61.3	514
	15-17	100.0	100.0	99.8	92.9	73.4	37.9	14.9	7.9	2.3	58.7	478
	18-20	100.0	100.0	100.0	99.3	96.8	86.8	63.5	35.2	3.7	74.3	219
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	91.8	77.3	20.9	84.3	110
TOTALS		100.0	100.0	100.0	98.4	92.9	81.5	68.6	53.4	28.0	78.0	2386

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 AVON PARK RANGE FLORIDA
STATION

69-70, 73-78

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	98.8	93.8	71.6	42.0	86.8	81
	03-05	100.0	100.0	100.0	100.0	100.0	96.4	94.5	90.9	65.5	90.4	55
	06-08	100.0	100.0	100.0	100.0	99.5	99.1	95.8	84.0	59.1	89.6	425
	09-11	100.0	100.0	100.0	97.3	91.5	77.0	52.6	30.7	9.1	71.6	473
	12-14	100.0	100.0	97.0	88.5	64.4	29.9	13.4	5.3	1.1	55.6	469
	15-17	100.0	99.8	93.5	80.6	48.9	22.3	12.3	6.5	1.6	52.4	448
	18-20	100.0	100.0	99.6	96.4	88.4	64.5	35.9	13.9	4.8	66.2	251
	21-23	100.0	100.0	100.0	100.0	100.0	96.8	82.5	50.8	15.9	80.3	126
TOTALS		100.0	100.0	98.8	95.4	86.6	73.1	60.1	44.2	24.9	74.1	2328

RELATIVE HUMIDITY

MAR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.8	38.2	89.2	89
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.5	90.9	68.2	91.2	66
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	94.3	82.6	51.9	88.9	472
	09-11	100.0	100.0	99.8	98.8	92.2	71.1	43.9	22.3	3.7	68.5	512
	12-14	100.0	99.8	99.2	90.6	61.7	27.9	12.6	6.1	2.6	55.8	509
	15-17	100.0	100.0	98.4	86.8	51.1	23.5	11.8	7.2	3.3	53.9	485
	18-20	100.0	100.0	100.0	97.7	88.1	66.1	38.7	15.5	4.2	66.7	354
	21-23	100.0	100.0	100.0	100.0	100.0	97.0	83.3	55.1	9.1	80.2	198
TOTALS		100.0	100.0	99.7	96.7	86.6	73.1	60.0	46.1	22.7	74.3	2685

RELATIVE HUMIDITY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73-78

APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	28.2	88.8	29
	03-05	100.0	100.0	99.1	99.1	99.1	99.1	98.2	89.0	59.6	90.1	109
	06-08	100.0	100.0	100.0	99.8	99.1	98.0	91.7	75.4	33.5	85.6	460
	09-11	100.0	100.0	99.8	97.6	81.9	53.0	26.4	8.5	1.8	62.4	492
	12-14	100.0	100.0	98.6	84.4	46.8	11.9	3.5	2.1	1.0	50.6	487
	15-17	100.0	100.0	96.4	73.3	39.0	17.3	7.6	2.7	.7	49.4	446
	18-20	100.0	100.0	99.6	94.6	79.5	51.8	25.9	9.4	2.7	62.3	224
	21-23	100.0	100.0	100.0	100.0	100.0	99.0	89.1	53.5	5.9	80.3	101
TOTALS		100.0	100.0	99.2	93.6	80.7	66.3	55.3	42.3	16.7	71.2	2358

USAFETAC FORM 1 JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	94.5	90.9	52.7	91.2	55
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	99.5	98.6	63.5	92.6	219
	06-08	100.0	100.0	100.0	100.0	99.6	98.6	93.5	75.5	31.4	86.1	507
	09-11	100.0	100.0	100.0	98.8	90.3	61.5	28.1	9.1	1.4	64.5	506
	12-14	100.0	100.0	99.4	87.1	59.2	25.2	11.3	6.6	1.8	54.7	512
	15-17	100.0	100.0	99.2	85.3	56.1	31.0	19.0	10.9	5.1	56.3	394
	18-20	100.0	100.0	100.0	99.2	90.9	71.5	47.4	25.3	5.5	69.6	253
	21-23	100.0	100.0	100.0	100.0	100.0	99.3	89.9	68.1	21.7	83.3	138
TOTALS		100.0	100.0	99.8	96.3	87.0	73.3	60.4	48.1	22.9	74.8	2584

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70.73-78

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	49.6	91.4	117
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	69.7	93.6	274
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.0	81.3	34.5	88.0	507
	09-11	100.0	100.0	100.0	100.0	98.0	84.5	41.2	10.0	2.5	69.2	510
	12-14	100.0	100.0	100.0	99.0	80.3	48.3	19.1	7.8	3.7	61.4	513
	15-17	100.0	100.0	100.0	95.7	80.0	57.6	38.1	23.5	8.1	66.3	370
	18-20	100.0	100.0	100.0	99.6	94.3	85.9	66.1	40.3	10.6	75.6	283
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	94.9	77.2	26.6	85.7	158
TOTALS		100.0	100.0	100.0	99.3	94.1	84.5	69.7	54.3	25.7	78.9	2732

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

69-70, 73-78
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	74.0	94.4	77
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	81.3	94.9	252
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	98.4	86.1	38.8	88.9	495
	09-11	100.0	100.0	100.0	100.0	99.4	94.3	45.5	11.6	.6	70.9	490
	12-14	100.0	100.0	100.0	100.0	94.4	62.1	18.0	7.2	2.6	63.9	501
	15-17	100.0	100.0	100.0	99.7	91.5	66.6	34.7	21.1	7.3	67.9	317
	18-20	100.0	100.0	100.0	100.0	100.0	96.4	80.3	56.1	20.2	81.5	223
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.3	38.5	89.6	122
TOTALS		100.0	100.0	100.0	100.0	98.2	89.9	72.1	59.6	32.9	81.5	2477

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

69-70, 73-78

AUG
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	76.3	94.0	118
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	95.6	350
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.7	49.4	90.9	551
	09-11	100.0	100.0	100.0	100.0	99.8	94.2	57.5	10.4	.5	71.1	549
	12-14	100.0	100.0	100.0	99.8	91.1	55.2	.	11.9	4.5	64.3	538
	15-17	100.0	100.0	100.0	99.7	88.7	68.5	39.1	24.2	8.9	68.5	327
	18-20	100.0	100.0	100.0	100.0	99.5	96.2	86.2	56.3	18.6	81.9	183
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.3	94.8	32.7	89.6	153
TOTALS		100.0	100.0	100.0	99.9	97.4	89.3	74.6	61.3	35.1	82.0	2769

RELATIVE HUMIDITY

SEP

STATION

STATION NAME

PERIOD

MONITORING

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	70.8	93.6	89
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	90.1	95.6	212
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.4	95.8	59.0	92.4	495
	09-11	100.0	100.0	100.0	100.0	100.0	98.0	58.6	17.2	1.8	73.4	488
	12-14	100.0	100.0	100.0	100.0	95.6	63.3	18.6	6.0	3.0	64.2	501
	15-17	100.0	100.0	100.0	100.0	96.2	75.2	36.6	15.0	4.1	68.3	339
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	88.1	51.8	13.0	81.0	253
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.4	26.6	89.3	139
TOTALS		100.0	100.0	100.0	100.0	99.0	91.9	75.2	60.2	33.6	82.3	2516

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804. AVON PARK RANGE FLORIDA
STATION STATION NAME

69-70, 73-78

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	63.2	91.2	19
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.9	71.4	93.5	161
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.2	92.0	50.9	90.7	487
	09-11	100.0	100.0	100.0	100.0	98.0	83.7	53.1	21.6	.8	71.3	510
	12-14	100.0	100.0	100.0	99.6	88.7	48.7	17.5	5.8	1.8	62.0	513
	15-17	100.0	100.0	99.8	98.8	90.0	56.4	26.2	11.9	4.2	64.3	429
	18-20	100.0	100.0	100.0	100.0	100.0	97.8	85.8	51.1	11.2	79.9	268
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	93.6	34.6	88.5	78
TOTALS		100.0	100.0	100.0	99.8	97.1	85.8	72.5	59.1	29.8	80.2	2465

RELATIVE HUMIDITY

NOV
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	40.0	89.4	10
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	98.4	96.8	87.3	95.0	63
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	95.4	88.1	69.4	91.7	438
	09-11	100.0	100.0	100.0	99.4	95.1	83.6	60.2	32.8	6.1	73.6	468
	12-14	100.0	100.0	100.0	97.3	80.3	46.9	23.2	8.8	1.6	61.3	486
	15-17	100.0	100.0	99.1	95.0	79.7	51.6	27.9	9.9	3.6	62.2	444
	18-20	100.0	100.0	100.0	100.0	98.6	92.7	82.3	53.2	10.0	79.4	220
	21-23	100.0	100.0	100.0	100.0	100.0	97.0	92.4	77.3	33.3	85.9	66
TOTALS		100.0	100.0	99.9	99.0	94.2	83.6	72.5	58.4	31.4	79.8	2217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70,73-77
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	92.7	85.4	75.6	90.4	41
	03-05	100.0	100.0	100.0	100.0	100.0	95.5	93.2	90.9	79.5	91.9	44
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	95.8	90.8	69.4	91.7	448
	09-11	100.0	100.0	100.0	99.6	97.0	83.6	62.0	39.0	15.0	75.2	500
	12-14	100.0	100.0	99.6	93.2	72.5	38.1	21.7	12.1	5.3	60.0	488
	15-17	100.0	100.0	99.3	91.4	66.1	35.7	17.4	10.4	3.5	58.1	431
	18-20	100.0	100.0	100.0	100.0	96.7	91.4	70.2	30.6	4.1	75.2	245
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	92.2	75.7	32.0	85.4	103
TOTALS		100.0	100.0	99.9	98.0	91.5	80.2	68.2	54.4	35.6	78.5	2300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804
STATION

AVON PARK RANGE FLORIDA
STATION NAME

68-70, 73-78
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (J)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	98.4	92.9	81.5	68.6	53.4	28.0	78.0	2386
FEB		100.0	100.0	98.8	95.4	86.6	73.1	60.1	44.2	24.9	74.1	2328
MAR		100.0	100.0	99.7	96.7	86.6	73.1	60.0	46.1	22.7	74.3	2685
APR		100.0	100.0	99.2	93.6	80.7	66.3	55.3	42.3	16.7	71.2	2358
MAY		100.0	100.0	99.8	96.3	87.0	73.3	60.4	48.1	22.9	74.8	2584
JUN		100.0	100.0	100.0	99.3	94.1	84.5	69.7	54.3	25.7	78.9	2732
JUL		100.0	100.0	100.0	100.0	98.2	89.9	72.1	59.6	32.9	81.5	2477
AUG		100.0	100.0	100.0	99.9	97.4	89.3	74.6	61.3	35.1	82.0	2769
SEP		100.0	100.0	100.0	100.0	99.0	91.9	75.2	60.2	33.6	82.3	2516
OCT		100.0	100.0	100.0	99.8	97.1	85.8	72.5	59.1	29.8	80.2	2463
NOV		100.0	100.0	99.9	99.0	94.2	83.6	72.5	58.4	31.4	79.8	2217
DEC		100.0	100.0	99.9	98.0	91.5	80.2	68.2	54.4	35.6	78.5	2300
TOTALS		100.0	100.0	99.8	98.0	92.1	81.0	67.4	53.5	28.3	78.0	29817

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

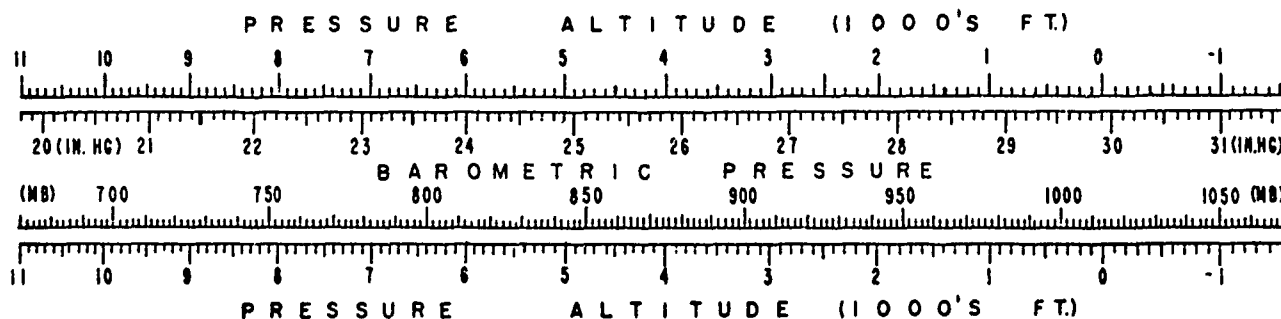
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12804 AVON PARK RANGE FLORIDA

68-70,73-78

STATION		STATION NAME												TEARS	
HRS. LST.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	30.096	30.075	30.004	30.036	29.893	29.893	29.973	29.951	29.921	29.903	29.970	30.071	29.978	
	S D	.141	.129	.083	.104	.067	.094	.072	.050	.071	.106	.143	.140	.116	
	TOTAL OBS	14	30	23	16	16	36	24	25	21	6	4	15	260	
04	MEAN	30.120	29.977	29.877	29.979	29.902	29.909	29.968	29.937	29.892	29.902	29.989	30.087	29.929	
	S D		.052		.141	.104	.078	.055	.061	.068	.069	.054		.084	
	TOTAL OBS	1	7	3	24	65	79	79	122	73	43	15	3	514	
07	MEAN	30.068	30.045	29.996	29.984	29.936	29.926	29.979	29.958	29.912	29.937	30.013	30.052	29.983	
	S D	.131	.128	.127	.136	.099	.084	.070	.067	.070	.097	.102	.126	.116	
	TOTAL OBS	167	151	165	170	172	170	167	184	167	165	158	161	1997	
10	MEAN	30.110	30.082	30.030	30.004	29.955	29.950	29.999	29.985	29.936	29.967	30.045	30.093	30.013	
	S D	.130	.126	.127	.139	.102	.080	.073	.067	.069	.099	.105	.123	.120	
	TOTAL OBS	177	158	173	170	168	168	162	182	159	171	163	167	2018	
13	MEAN	30.059	30.045	29.992	29.974	29.922	29.924	29.982	29.966	29.909	29.929	29.997	30.040	29.978	
	S D	.132	.130	.125	.142	.103	.082	.073	.064	.070	.099	.106	.119	.117	
	TOTAL OBS	171	156	171	169	171	173	170	182	168	171	163	164	2029	
16	MEAN	30.023	29.999	29.942	29.920	29.883	29.901	29.956	29.933	29.864	29.896	29.962	30.009	29.944	
	S D	.129	.129	.121	.140	.101	.083	.071	.064	.071	.101	.105	.122	.120	
	TOTAL OBS	162	154	166	159	134	118	94	97	110	151	159	150	1654	
19	MEAN	30.034	30.038	29.961	29.944	29.906	29.899	29.971	29.940	29.892	29.930	29.970	30.056	29.960	
	S D	.128	.128	.106	.133	.095	.090	.061	.052	.073	.103	.110	.117	.116	
	TOTAL OBS	75	85	117	78	84	96	81	57	86	89	74	83	1005	
22	MEAN	30.062	30.056	30.003	30.027	29.944	29.921	29.985	29.966	29.935	29.935	29.988	30.074	29.989	
	S D	.146	.122	.096	.108	.078	.082	.050	.055	.066	.082	.134	.117	.107	
	TOTAL OBS	38	39	64	35	43	45	25	52	44	24	16	29	464	
ALL HOURS	MEAN	30.063	30.044	29.988	29.973	29.923	29.921	29.979	29.959	29.907	29.931	30.000	30.052	29.977	
	S D	.134	.130	.123	.140	.102	.085	.070	.065	.073	.100	.109	.125	.118	
	TOTAL OBS	805	780	592	821	853	885	812	911	828	820	752	772	9941	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12804 AVON PARK RANGE FLORIDA
STATION STATION NAME

68-70,73-78
YEARS

HRS (LST)	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	S D	1021.9	1021.1	1018.8	1019.9	1016.4	1015.9	1017.9	1017.0	1016.0	1015.3	1017.7	1021.1	1018.1
	S D	4.821	4.384	2.849	3.506	1.529	2.641	2.136	1.707	2.372	3.685	4.916	4.641	3.689
	TOTAL OBS	14	30	33	16	16	37	23	35	31	6	4	15	260
04	MEAN	1022.5	1017.8	1014.4	1017.4	1015.3	1015.5	1017.5	1016.4	1014.9	1015.2	1018.1	1021.5	1016.2
	S D		1.753		4.851	3.539	2.673	1.793	2.052	2.319	2.332	1.827		2.803
	TOTAL OBS	1	7	3	20	62	78	79	122	70	43	15	3	503
07	MEAN	1020.9	1020.1	1018.5	1018.4	1016.8	1016.5	1018.2	1017.2	1015.6	1016.5	1019.0	1020.4	1018.1
	S D	4.467	4.356	4.229	4.414	3.298	2.764	2.003	2.241	2.356	3.331	3.498	4.292	3.879
	TOTAL OBS	167	151	163	170	172	170	167	184	167	163	157	160	1995
10	MEAN	1022.3	1021.4	1019.6	1019.2	1017.4	1017.2	1018.9	1018.1	1016.4	1017.4	1020.1	1021.8	1019.2
	S D	4.439	4.308	4.309	4.559	3.399	2.673	1.994	2.235	2.340	3.335	3.580	4.117	4.006
	TOTAL OBS	177	158	173	170	168	167	162	182	159	171	163	166	2016
13	MEAN	1020.6	1020.1	1018.3	1018.1	1016.4	1016.4	1018.3	1017.5	1015.5	1016.2	1018.5	1020.0	1018.0
	S D	4.466	4.409	4.221	4.570	3.329	2.738	1.995	2.092	2.383	3.384	3.607	4.032	3.869
	TOTAL OBS	171	156	172	169	171	173	170	182	168	171	163	174	2030
16	MEAN	1019.4	1018.6	1016.7	1016.3	1014.9	1015.2	1017.4	1016.3	1014.1	1015.1	1017.3	1019.0	1016.8
	S D	4.377	4.349	4.145	4.534	3.449	2.784	1.920	2.062	2.410	3.430	3.566	4.124	4.020
	TOTAL OBS	162	154	166	159	134	118	93	97	110	151	159	151	1654
19	MEAN	1019.9	1019.9	1017.4	1016.8	1015.7	1015.8	1017.6	1016.5	1014.9	1016.2	1017.6	1020.5	1017.4
	S D	4.361	4.313	3.568	4.305	2.962	2.658	2.064	1.758	2.497	3.513	3.727	3.989	3.829
	TOTAL OBS	73	85	114	78	84	95	81	57	86	89	74	82	1000
22	MEAN	1020.8	1020.5	1018.7	1019.5	1017.2	1016.5	1017.9	1017.4	1016.4	1016.5	1018.2	1021.2	1018.3
	S D	5.071	4.184	3.239	3.699	2.066	2.244	1.748	1.880	2.219	3.008	4.552	3.943	3.528
	TOTAL OBS	36	39	64	35	42	45	36	52	43	24	16	29	461
ALL HOURS	MEAN	1020.8	1020.1	1018.2	1018.0	1016.3	1016.3	1018.1	1017.2	1015.5	1016.2	1018.6	1020.4	1017.9
	S D	4.561	4.410	4.149	4.572	3.366	2.756	2.030	2.176	2.474	3.411	3.707	4.230	3.946
	TOTAL OBS	803	780	890	817	849	883	811	911	834	820	751	770	9919